Response Factor Report MS08

Method Path : J:\MS08\METHODS\
Method File : R8100507.M
Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
Last Update : Sat Oct 06 12:55:19 2007
Response Via : Initial Calibration

Calibration Files
0.1 =10050725.D 0.5 =10050726.D 1.0 =10050727.D 5.0 =10050728.D
25 =10050729.D 50 =10050730.D 100 =10050731.D

		Compound	0.1	0.5	1.0	5.0	25	50	100	Avg	%RSD
1)	IR	Bromochloromethane (I ----------ISTD----------									
2)	T	Propene	3.237	2.797	2.560	2.579	2.391	2.270	2.140	2.568	14.25
3)	T	Dichlorodifluorom	4.701	4.181	3.729	3.612	3.367	3.142	2.967	3.671	16.47
4)	T	Chloromethane	4.617	4.715	4.438	4.500	4.279	3.896	2.564	4.144	18.00
5)	T	Freon 114	1.461	1.423	1.243	1.220	1.117	1.097	1.053	1.230	12.98
6)	T	Vinyl Chloride	3.416	3.467	3.162	3.286	3.043	2.813	2.649	3.119	9.79
7)	T	1,3-Butadiene	2.843	2.968	2.746	2.946	2.858	2.650	2.456	2.781	6.50
8)	T	Bromomethane	1.579	1.455	1.305	1.243	1.152	1.119	1.065	1.274	14.69
9)	T	Chloroethane	1.360	1.470	1.398	1.415	1.303	1.215	1.132	1.328	8.98
10)	T	Ethanol	2.669	2.473	2.086	1.894	1.908	1.749	1.526	2.044	19.70
11)	T	Acetonitrile	4.732	5.031	4.312	4.390	4.781	4.463	3.985	4.528	7.67
12)	T	Acrolein	1.989	1.747	1.575	1.574	1.611	1.492	1.398	1.627	11.83
13)	T	Acetone			2.598	2.290	1.942	1.786	1.650	2.053	18.86
14)	T	Trichlorofluorome	3.307	3.242	2.854	2.811	2.579	2.452	2.410	2.808	12.81
15)	T	Isopropanol	7.480	7.119	6.373	6.036	6.304	5.439	4.436	6.170	16.52
16)	T	Acrylonitrile	2.987	4.100	3.667	3.671	3.624	3.409	3.213	3.524	10.24
17)	T	1,1-Dichloroethen	1.707	1.688	1.554	1.516	1.377	1.308	1.261	1.487	11.94
18)	T	tert-Butanol	6.987	6.653	5.832	6.012	5.888	5.553	5.039	5.995	10.90
19)	T	Methylene Chlorid		1.987	1.738	1.602	1.450	1.379	1.331	1.581	15.77
20)	T	Allyl Chloride	2.413	2.874	2.630	2.780	2.651	2.595	2.541	2.641	5.74
21)	T	Trichlorotrifluor	1.035	1.283	1.037	1.001	0.923	0.896	0.883	1.008	13.57
22)	T	Carbon Disulfide		9.060	7.295	6.573	5.956	5.632	5.333	6.642	20.73
23)	T	trans-1,2-Dichlor	3.401	3.700	3.283	3.302	3.097	2.924	2.790	3.214	9.52
24)	T	1,1-Dichloroethan	4.176	4.294	3.813	3.595	3.394	3.195	2.999	3.638	13.36
25)	T	Methyl tert-Butyl	5.142	5.265	4.655	4.658	4.299	4.089	3.904	4.573	11.20
26)	T	Vinyl Acetate		0.274	0.255	0.259	0.285	0.289	0.288	0.275	5.50
27)	T	2-Butanone		1.136	1.054	1.043	0.991	0.929	0.876	1.005	9.30
28)	T	cis-1,2-Dichloroe	3.172	3.327	2.980	3.030	2.847	2.696	2.564	2.945	9.01
29)	T	Diisopropyl Ether	1.428	1.344	1.242	1.265	1.178	1.120	1.055	1.233	10.41
30)	T	Ethyl Acetate	0.838	0.857	0.812	0.834	0.776	0.720	0.653	0.784	9.43
31)	T	n-Hexane	4.948	4.930	4.405	4.420	4.125	3.881	3.597	4.329	11.69
32)	T	Chloroform	2.780	2.761	2.482	2.353	2.198	2.106	2.044	2.389	12.52
33)	S	1,2-Dichloroethan	2.341	2.370	2.425	2.414	2.465	2.425	2.394	2.405	1.69
34)	T	Tetrahydrofuran	1.061	1.096	1.019	1.030	0.970	0.912	0.847	0.991	8.80
35)	T	Ethyl tert-Butyl	1.737	2.019	1.768	1.785	1.683	1.626	1.565	1.740	8.37
36)	T	1,2-Dichloroethan	3.007	3.197	2.789	2.835	2.650	2.504	2.402	2.769	10.03
37)	IR	1,4-Difluorobenzene (----------ISTD----------									
38)	T	1,1,1-Trichloroet	0.559	0.608	0.526	0.509	0.476	0.464	0.459	0.515	10.62
39)	T	Isopropyl Acetate	0.288	0.321	0.294	0.298	0.292	0.277	0.262	0.290	6.30
40)	T	1-Butanol		0.383	0.300	0.321	0.535	0.519	0.491	0.425	24.36
41)	T	Benzene	1.579	1.451	1.271	1.257	1.164	1.104	1.054	1.269	14.87
42)	T	Carbon Tetrachlor	0.468	0.471	0.419	0.419	0.394	0.389	0.392	0.422	8.26
43)	T	Cyclohexane		0.622	0.515	0.499	0.455	0.435	0.415	0.490	15.27
44)	T	tert-Amyl Methyl	0.952	0.999	0.885	0.884	0.841	0.818	0.787	0.881	8.47
45)	T	1,2-Dichloropropa	0.502	0.523	0.467	0.467	0.433	0.414	0.393	0.457	10.27
46)	T	Bromodichlorometh	0.461	0.472	0.413	0.431	0.407	0.392	0.390	0.424	7.65
47)	T	Trichloroethene	0.335	0.309	0.280	0.273	0.256	0.247	0.239	0.277	12.52
48)	T	1,4-Dioxane	0.182	0.251	0.238	0.231	0.227	0.216	0.204	0.221	10.36
49)	T	Isooctane	2.370	2.533	2.234	2.245	2.135	2.013	1.849	2.197	10.27
50)	T	Methyl Methacryla		0.112	0.110	0.110	0.109	0.107	0.105	0.109	2.28
51)	T	n-Heptane	0.310	0.362	0.331	0.335	0.308	0.296	0.278	0.317	8.75
52)	T	cis-1,3-Dichlorop	0.533	0.595	0.522	0.537	0.509	0.485	0.462	0.520	8.16
53)	T	4-Methyl-2-pentan	0.491	0.513	0.471	0.486	0.484	0.461	0.424	0.476	5.87
54)	T	trans-1,3-Dichlor	0.482	0.521	0.473	0.495	0.473	0.459	0.446	0.478	5.10
55)	T	1,1,2-Trichloroet		0.369	0.304	0.308	0.284	0.279	0.270	0.302	11.80
56)	I	Chlorobenzene-d5 (IS3 ----------ISTD----------									
57)	S	Toluene-d8 (SS2)	2.212	2.213	2.201	2.191	2.192	2.221	2.212	2.206	0.52

Method Path : J:\MS08\METHODS\
Method File : R8100507.M
Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
Last Update : Sat Oct 06 12:55:19 2007
Response Via : Initial Calibration

Calibration Files
0.1 =10050725.D 0.5 =10050726.D 1.0 =10050727.D 5.0 =10050728.D
25 =10050729.D 50 =10050730.D 100 =10050731.D

		Compound	0.1	0.5	1.0	5.0	25	50	100	Avg	%RSD
58)	T	Toluene	2.816	2.709	2.329	2.314	2.122	2.021	1.915	2.318	14.62
59)	T	2-Hexanone	2.303	2.048	1.929	2.022	2.091	1.954	1.751	2.014	8.38
60)	T	Dibromochlorometh	0.633	0.621	0.549	0.555	0.520	0.514	0.507	0.557	9.18
61)	T	1,2-Dibromoethane	0.608	0.684	0.574	0.586	0.539	0.525	0.509	0.575	10.36
62)	T	Butyl Acetate	1.662	2.037	1.911	2.059	2.222	2.069	1.849	1.973	9.22
63)	T	n-Octane	0.821	0.953	0.821	0.838	0.781	0.740	0.685	0.806	10.47
64)	T	Tetrachloroethene	0.674	0.626	0.515	0.519	0.478	0.465	0.454	0.533	15.88
65)	T	Chlorobenzene	1.583	1.592	1.448	1.377	1.263	1.203	1.147	1.373	12.94
66)	T	Ethylbenzene	3.075	3.041	2.684	2.689	2.493	2.370	2.253	2.658	11.86
67)	T	m- & p-Xylene	1.999	2.058	1.785	1.769	1.625	1.558	1.486	1.754	12.33
68)	T	Bromoform	0.379	0.377	0.338	0.342	0.336	0.333	0.332	0.348	5.95
69)	T	Styrene	1.543	1.436	1.297	1.360	1.348	1.304	1.250	1.363	7.25
70)	T	o-Xylene	2.130	2.204	1.881	1.896	1.741	1.684	1.615	1.879	11.82
71)	T	n-Nonane	1.750	1.970	1.842	1.882	1.707	1.573	1.390	1.731	11.41
72)	T	1,1,2,2-Tetrachlo	0.956	1.058	0.903	0.906	0.843	0.803	0.754	0.889	11.36
73)	S	Bromofluorobenzen	0.638	0.628	0.616	0.621	0.633	0.637	0.648	0.632	1.73
74)	T	Cumene	2.728	2.593	2.253	2.268	2.107	2.022	1.933	2.272	12.91
75)	T	alpha-Pinene	1.370	1.210	1.142	1.163	1.216	1.176	1.130	1.201	6.75
76)	T	n-Propylbenzene	3.303	3.561	3.194	3.238	2.944	2.802	2.620	3.094	10.42
77)	T	3-Ethyltoluene	2.260	2.641	2.306	2.359	2.192	2.146	2.062	2.281	8.22
78)	T	4-Ethyltoluene	2.481	2.574	2.261	2.273	2.030	1.931	1.845	2.199	12.53
79)	T	1,3,5-Trimethylbe	2.055	2.187	1.969	1.942	1.725	1.676	1.634	1.884	11.11
80)	T	alpha-Methylstyre	0.901	0.717	0.587	0.623	0.941	0.918	0.878	0.795	18.77
81)	T	2-Ethyltoluene	2.286	2.725	2.410	2.388	2.142	2.068	1.981	2.286	11.01
82)	T	1,2,4-Trimethylbe	2.130	2.193	1.975	1.950	1.693	1.633	1.564	1.877	13.23
83)	T	n-Decane	1.758	2.137	1.954	2.011	1.676	1.577	1.451	1.795	13.83
84)	T	Benzyl Chloride	1.875	1.859	1.759	1.974	1.914	1.868	1.799	1.864	3.78
85)	T	1,3-Dichlorobenze	1.232	1.190	1.043	1.042	0.927	0.901	0.864	1.028	13.82
86)	T	1,4-Dichlorobenze	1.019	1.157	1.000	1.004	0.902	0.876	0.843	0.972	11.05
87)	T	sec-Butylbenzene	2.678	2.957	2.627	2.637	2.329	2.232	2.109	2.510	11.82
88)	T	p-Isopropyltoluen	1.963	2.242	1.991	2.044	1.807	1.727	1.628	1.915	10.91
89)	T	1,2,3-Trimethylbe	1.852	2.130	1.931	1.933	1.671	1.608	1.548	1.810	11.56
90)	T	1,2-Dichlorobenze	1.145	1.159	0.965	0.985	0.847	0.809	0.767	0.954	16.41
91)	T	d-Limonene	0.690	0.580	0.494	0.534	0.797	0.751	0.690	0.648	17.57
92)	T	1,2-Dibromo-3-Chl		0.313	0.296	0.318	0.304	0.305	0.296	0.305	2.95
93)	T	n-Undecane	1.453	1.751	1.767	2.043	1.710	1.624	1.463	1.687	12.01
94)		1,2,4-Trichlorobe	0.593	0.649	0.638	0.672	0.549	0.542	0.522	0.595	9.92
95)	T	Naphthalene		1.553	1.619	2.005	1.790	1.820	1.752	1.756	9.08
96)	T	n-Dodecane	1.296	1.066	1.197	1.612	1.509	1.514	1.386	1.368	14.21
97)	T	Hexachloro-1,3-bu	0.372	0.430	0.405	0.397	0.349	0.354	0.354	0.380	8.15

(#) = Out of Range

Data Path : J:\MS13\DATA\2007_10\06\
Data File : 10060701.D
Acq On : 6 Oct 2007 11:38
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:02:17 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	122	0.00
2	T	Propene	1.993	1.552	22.1	101	0.00
3	T	Dichlorodifluoromethane	2.778	2.279	18.0	106	0.00
4	T	Chloromethane	3.730	3.117	16.4	110	0.00
5	T	Freon 114	1.256	1.081	13.9	111	0.00
6	T	Vinyl Chloride	2.628	2.245	14.6	114	0.00
7	T	1,3-Butadiene	2.430	2.094	13.8	106	0.00
8	T	Bromomethane	1.160	1.049	9.6	111	0.00
9	T	Chloroethane	1.256	1.105	12.0	111	0.00
10	T	Ethanol	1.385	1.290	6.9	111	0.00
11	T	Acetonitrile	3.620	3.336	7.8	108	0.00
12	T	Acrolein	1.180	1.126	4.6	110	0.00
13	T	Acetone	1.689	1.495	11.5	122	0.00
14	T	Trichlorofluoromethane	2.190	1.907	12.9	110	0.00
15	T	Isopropanol	4.648	4.452	4.2	110	0.00
16	T	Acrylonitrile	2.812	2.689	4.4	109	0.00
17	T	1,1-Dichloroethene	1.289	1.142	11.4	112	0.00
18	T	tert-Butanol	3.967	3.796	4.3	109	0.00
19	T	Methylene Chloride	1.375	1.200	12.7	111	0.00
20	T	Allyl Chloride	2.619	2.434	7.1	108	0.00
21	T	Trichlorotrifluoroethane	1.317	1.105	16.1	112	0.00
22	T	Carbon Disulfide	5.394	4.665	13.5	111	0.00
23	T	trans-1,2-Dichloroethene	2.656	2.376	10.5	111	0.00
24	T	1,1-Dichloroethane	2.685	2.452	8.7	116	0.00
25	T	Methyl tert-Butyl Ether	3.633	3.218	11.4	111	0.00
26	T	Vinyl Acetate	0.186	0.251	-34.9#	137	0.00
27	T	2-Butanone	0.866	0.807	6.8	112	0.00
28	T	cis-1,2-Dichloroethene	2.406	2.156	10.4	112	0.00
29	T	Diisopropyl Ether	1.058	0.942	11.0	111	0.00
30	T	Ethyl Acetate	0.618	0.561	9.2	112	0.00
31	T	n-Hexane	3.326	2.726	18.0	108	0.00
32	T	Chloroform	1.846	1.638	11.3	114	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.586	1.567	1.2	119	0.00
34	T	Tetrahydrofuran	0.844	0.762	9.7	110	0.00
35	T	Ethyl tert-Butyl Ether	1.526	1.374	10.0	110	0.00
36	T	1,2-Dichloroethane	2.224	1.913	14.0	108	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	117	0.00
38	T	1,1,1-Trichloroethane	0.468	0.404	13.7	108	0.00

Data Path : J:\MS13\DATA\2007_10\06\
Data File : 10060701.D
Acq On : 6 Oct 2007 11:38
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:02:17 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39	T	Isopropyl Acetate	0.230	0.230	0.0	112	0.00
40	T	1-Butanol	0.360	0.382	-6.1	104	0.00
41	T	Benzene	1.121	0.995	11.2	112	0.00
42	T	Carbon Tetrachloride	0.438	0.392	10.5	108	0.00
43	T	Cyclohexane	0.433	0.390	9.9	112	0.00
44	T	tert-Amyl Methyl Ether	0.770	0.698	9.4	108	0.00
45	T	1,2-Dichloropropane	0.373	0.343	8.0	111	0.00
46	T	Bromodichloromethane	0.368	0.338	8.2	109	0.00
47	T	Trichloroethene	0.339	0.289	14.7	107	0.00
48	T	1,4-Dioxane	0.212	0.202	4.7	109	0.00
49	T	Isooctane	1.747	1.594	8.8	110	0.00
50	T	Methyl Methacrylate	0.119	0.116	2.5	110	0.00
51	T	n-Heptane	0.284	0.257	9.5	111	0.00
52	T	cis-1,3-Dichloropropene	0.462	0.437	5.4	110	0.00
53	T	4-Methyl-2-pentanone	0.411	0.381	7.3	109	0.00
54	T	trans-1,3-Dichloropropene	0.417	0.398	4.6	108	0.00
55	T	1,1,2-Trichloroethane	0.288	0.263	8.7	110	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	118	0.00
57	S	Toluene-d8 (SS2)	2.230	2.239	-0.4	118	0.00
58	T	Toluene	2.733	2.403	12.1	110	0.00
59	T	2-Hexanone	2.333	2.012	13.8	103	0.00
60	T	Dibromochloromethane	0.790	0.723	8.5	108	0.00
61	T	1,2-Dibromoethane	0.783	0.713	8.9	109	0.00
62	T	Butyl Acetate	2.315	2.116	8.6	102	0.00
63	T	n-Octane	0.841	0.771	8.3	109	0.00
64	T	Tetrachloroethene	0.891	0.796	10.7	110	0.00
65	T	Chlorobenzene	1.927	1.733	10.1	110	0.00
66	T	Ethylbenzene	3.149	2.822	10.4	110	0.00
67	T	m- & p-Xylene	2.017	1.805	10.5	109	0.00
68	T	Bromoform	0.592	0.562	5.1	109	0.00
69	T	Styrene	2.050	1.833	10.6	107	0.00
70	T	o-Xylene	2.218	1.940	12.5	107	0.00
71	T	n-Nonane	1.996	1.749	12.4	105	0.00
72	T	1,1,2,2-Tetrachloroethane	0.947	0.922	2.6	112	0.00
73	S	Bromofluorobenzene (SS3)	0.934	0.946	-1.3	118	0.00
74	T	Cumene	3.141	2.864	8.8	108	0.00
75	T	alpha-Pinene	1.553	1.411	9.1	106	0.00
76	T	n-Propylbenzene	3.616	3.372	6.7	109	0.00

Data Path : J:\MS13\DATA\2007_10\06\
Data File : 10060701.D
Acq On : 6 Oct 2007 11:38
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:02:17 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
77	T	3-Ethyltoluene	3.340	3.087	7.6	109	0.00
78	T	4-Ethyltoluene	3.128	2.800	10.5	108	0.00
79	T	1,3,5-Trimethylbenzene	2.744	2.467	10.1	107	0.00
80	T	alpha-Methylstyrene	1.487	1.323	11.0	101	0.00
81	T	2-Ethyltoluene	3.316	3.041	8.3	108	0.00
82	T	1,2,4-Trimethylbenzene	2.741	2.456	10.4	107	0.00
83	T	n-Decane	2.124	1.913	9.9	107	0.00
84	T	Benzyl Chloride	2.121	2.146	-1.2	108	0.00
85	T	1,3-Dichlorobenzene	1.739	1.571	9.7	109	0.00
86	T	1,4-Dichlorobenzene	1.680	1.531	8.9	108	0.00
87	T	sec-Butylbenzene	3.590	3.309	7.8	108	0.00
88	T	p-Isopropyltoluene	2.880	2.628	8.7	108	0.00
89	T	1,2,3-Trimethylbenzene	2.666	2.425	9.0	107	0.00
90	T	1,2-Dichlorobenzene	1.602	1.443	9.9	108	0.00
91	T	d-Limonene	0.962	0.829	13.8	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.513	0.553	-7.8	111	0.00
93	T	n-Undecane	2.235	2.072	7.3	108	0.00
94	T	1,2,4-Trichlorobenzene	1.281	1.160	9.4	110	0.00
95	T	Naphthalene	3.501	3.507	-0.2	108	0.00
96	T	n-Dodecane	2.182	2.069	5.2	105	0.00
97	T	Hexachloro-1,3-butadiene	0.778	0.716	8.0	108	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\06\
Data File : 10060705.D
Acq On : 6 Oct 2007 15:07
Operator : CJP
Sample : 1ng TO-15 CRQL Std
Misc : S20-09260707/S20-09250711
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 16:08:48 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	120	-0.02
2	T	Propene	1.993	2.104	-5.6	100	0.01
3	T	Dichlorodifluoromethane	2.778	2.661	4.2	99	0.01
4	T	Chloromethane	3.730	3.605	3.4	103	0.02
5	T	Freon 114	1.256	1.424	-13.4	115	0.02
6	T	Vinyl Chloride	2.628	2.752	-4.7	114	0.01
7	T	1,3-Butadiene	2.430	2.401	1.2	109	0.01
8	T	Bromomethane	1.160	1.162	-0.2	112	0.01
9	T	Chloroethane	1.256	1.272	-1.3	110	0.00
10	T	Ethanol	1.385	1.440	-4.0	117	-0.03
11	T	Acetonitrile	3.620	3.548	2.0	104	-0.01
12	T	Acrolein	1.180	1.126	4.6	107	0.00
13	T	Acetone	1.689	2.058	-21.8	128	0.00
14	T	Trichlorofluoromethane	2.190	2.293	-4.7	117	0.00
15	T	Isopropanol	4.648	5.705	-22.7	111	-0.03
16	T	Acrylonitrile	2.812	2.729	3.0	104	-0.01
17	T	1,1-Dichloroethene	1.289	1.261	2.2	111	0.00
18	T	tert-Butanol	3.967	4.379	-10.4	107	-0.02
19	T	Methylene Chloride	1.375	1.418	-3.1	110	-0.02
20	T	Allyl Chloride	2.619	2.518	3.9	108	0.00
21	T	Trichlorotrifluoroethane	1.317	1.245	5.5	102	0.00
22	T	Carbon Disulfide	5.394	5.265	2.4	111	0.00
23	T	trans-1,2-Dichloroethene	2.656	2.573	3.1	107	-0.02
24	T	1,1-Dichloroethane	2.685	2.705	-0.7	112	-0.02
25	T	Methyl tert-Butyl Ether	3.633	3.174	12.6	103	0.00
26	T	Vinyl Acetate	0.186	0.137	26.3	124	-0.01
27	T	2-Butanone	0.866	0.873	-0.8	112	0.00
28	T	cis-1,2-Dichloroethene	2.406	2.412	-0.2	111	-0.02
29	T	Diisopropyl Ether	1.058	1.010	4.5	101	0.00
30	T	Ethyl Acetate	0.618	0.601	2.8	106	-0.02
31	T	n-Hexane	3.326	3.139	5.6	103	-0.01
32	T	Chloroform	1.846	1.759	4.7	107	-0.03
33	S	1,2-Dichloroethane-d4(SS1)	1.586	1.605	-1.2	115	-0.02
34	T	Tetrahydrofuran	0.844	0.806	4.5	109	0.00
35	T	Ethyl tert-Butyl Ether	1.526	1.434	6.0	106	-0.01
36	T	1,2-Dichloroethane	2.224	2.126	4.4	102	-0.02
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	119	-0.01
38	T	1,1,1-Trichloroethane	0.468	0.426	9.0	103	-0.02

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\06\
Data File : 10060705.D
Acq On : 6 Oct 2007 15:07
Operator : CJP
Sample : 1ng TO-15 CRQL Std
Misc : S20-09260707/S20-09250711
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 16:08:48 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39	T	Isopropyl Acetate	0.230	0.232	-0.9	107	-0.01
40	T	1-Butanol	0.360	0.387	-7.5	117	0.02
41	T	Benzene	1.121	1.079	3.7	105	-0.02
42	T	Carbon Tetrachloride	0.438	0.416	5.0	109	-0.01
43	T	Cyclohexane	0.433	0.433	0.0	110	-0.01
44	T	tert-Amyl Methyl Ether	0.770	0.736	4.4	106	-0.01
45	T	1,2-Dichloropropane	0.373	0.367	1.6	106	-0.01
46	T	Bromodichloromethane	0.368	0.351	4.6	103	-0.02
47	T	Trichloroethene	0.339	0.334	1.5	105	-0.01
48	T	1,4-Dioxane	0.212	0.221	-4.2	110	0.00
49	T	Isooctane	1.747	1.722	1.4	106	-0.01
50	T	Methyl Methacrylate	0.119	0.121	-1.7	112	-0.01
51	T	n-Heptane	0.284	0.280	1.4	105	-0.01
52	T	cis-1,3-Dichloropropene	0.462	0.456	1.3	111	0.00
53	T	4-Methyl-2-pentanone	0.411	0.391	4.9	105	0.00
54	T	trans-1,3-Dichloropropene	0.417	0.390	6.5	105	0.00
55	T	1,1,2-Trichloroethane	0.288	0.283	1.7	108	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	120	0.00
57	S	Toluene-d8 (SS2)	2.230	2.255	-1.1	121	-0.01
58	T	Toluene	2.733	2.719	0.5	109	-0.01
59	T	2-Hexanone	2.333	2.156	7.6	101	0.00
60	T	Dibromochloromethane	0.790	0.742	6.1	104	0.00
61	T	1,2-Dibromoethane	0.783	0.738	5.7	105	-0.01
62	T	Butyl Acetate	2.315	2.179	5.9	98	0.00
63	T	n-Octane	0.841	0.810	3.7	103	0.00
64	T	Tetrachloroethene	0.891	0.892	-0.1	110	0.00
65	T	Chlorobenzene	1.927	1.924	0.2	109	0.00
66	T	Ethylbenzene	3.149	3.082	2.1	108	0.00
67	T	m- & p-Xylene	2.017	2.028	-0.5	108	0.00
68	T	Bromoform	0.592	0.555	6.2	107	-0.01
69	T	Styrene	2.050	1.985	3.2	110	0.00
70	T	o-Xylene	2.218	2.208	0.5	109	0.00
71	T	n-Nonane	1.996	1.931	3.3	102	0.00
72	T	1,1,2,2-Tetrachloroethane	0.947	0.915	3.4	110	0.00
73	S	Bromofluorobenzene (SS3)	0.934	0.961	-2.9	124	0.00
74	T	Cumene	3.141	3.116	0.8	106	0.00
75	T	alpha-Pinene	1.553	1.509	2.8	107	0.00
76	T	n-Propylbenzene	3.616	3.676	-1.7	105	0.00

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\06\
Data File : 10060705.D
Acq On : 6 Oct 2007 15:07
Operator : CJP
Sample : 1ng TO-15 CRQL Std
Misc : S20-09260707/S20-09250711
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 16:08:48 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
77	T	3-Ethyltoluene	3.340	3.329	0.3	108	0.00
78	T	4-Ethyltoluene	3.128	3.119	0.3	107	0.00
79	T	1,3,5-Trimethylbenzene	2.744	2.741	0.1	108	0.00
80	T	alpha-Methylstyrene	1.487	1.444	2.9	106	0.00
81	T	2-Ethyltoluene	3.316	3.332	-0.5	106	0.00
82	T	1,2,4-Trimethylbenzene	2.741	2.806	-2.4	108	0.00
83	T	n-Decane	2.124	2.044	3.8	103	0.00
84	T	Benzyl Chloride	2.121	2.095	1.2	112	0.00
85	T	1,3-Dichlorobenzene	1.739	1.751	-0.7	108	0.00
86	T	1,4-Dichlorobenzene	1.680	1.710	-1.8	109	0.00
87	T	sec-Butylbenzene	3.590	3.702	-3.1	106	0.00
88	T	p-Isopropyltoluene	2.880	2.904	-0.8	105	0.00
89	T	1,2,3-Trimethylbenzene	2.666	2.633	1.2	105	0.00
90	T	1,2-Dichlorobenzene	1.602	1.636	-2.1	107	0.00
91	T	d-Limonene	0.962	0.970	-0.8	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.513	0.488	4.9	108	0.00
93	T	n-Undecane	2.235	2.224	0.5	105	0.00
94	T	1,2,4-Trichlorobenzene	1.281	1.207	5.8	114	0.00
95	T	Naphthalene	3.501	3.879	-10.8	129	0.00
96	T	n-Dodecane	2.182	2.110	3.3	108	0.00
97	T	Hexachloro-1,3-butadiene	0.778	0.815	-4.8	111	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

10/6/07

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\06\
Data File : 10060715.D
Acq On : 6 Oct 2007 22:37
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 23:05:34 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	125	0.00
2	T	Propene	1.993	1.501	24.7	99	0.00
3	T	Dichlorodifluoromethane	2.778	2.242	19.3	107	0.00
4	T	Chloromethane	3.730	2.746	26.4	99	0.00
5	T	Freon 114	1.256	1.060	15.6	111	0.00
6	T	Vinyl Chloride	2.628	2.226	15.3	115	0.00
7	T	1,3-Butadiene	2.430	2.004	17.5	104	0.00
8	T	Bromomethane	1.160	1.051	9.4	114	0.00
9	T	Chloroethane	1.256	1.073	14.6	110	0.00
10	T	Ethanol	1.385	1.201	13.3	105	0.00
11	T	Acetonitrile	3.620	3.029	16.3	101	0.00
12	T	Acrolein	1.180	1.076	8.8	107	-0.01
13	T	Acetone	1.689	1.359	19.5	113	-0.01
14	T	Trichlorofluoromethane	2.190	1.843	15.8	109	0.00
15	T	Isopropanol	4.648	4.063	12.6	103	0.00
16	T	Acrylonitrile	2.812	2.555	9.1	106	0.00
17	T	1,1-Dichloroethene	1.289	1.129	12.4	114	0.00
18	T	tert-Butanol	3.967	3.589	9.5	106	0.00
19	T	Methylene Chloride	1.375	1.199	12.8	113	0.00
20	T	Allyl Chloride	2.619	2.232	14.8	101	0.00
21	T	Trichlorotrifluoroethane	1.317	1.089	17.3	113	0.00
22	T	Carbon Disulfide	5.394	4.639	14.0	113	0.00
23	T	trans-1,2-Dichloroethene	2.656	2.295	13.6	110	0.00
24	T	1,1-Dichloroethane	2.685	2.337	13.0	113	0.00
25	T	Methyl tert-Butyl Ether	3.633	3.091	14.9	108	0.00
26	T	Vinyl Acetate	0.186	0.227	-22.0	127	0.00
27	T	2-Butanone	0.866	0.811	6.4	115	0.00
28	T	cis-1,2-Dichloroethene	2.406	2.084	13.4	111	0.00
29	T	Diisopropyl Ether	1.058	0.935	11.6	113	0.00
30	T	Ethyl Acetate	0.618	0.545	11.8	111	0.00
31	T	n-Hexane	3.326	2.575	22.6	104	0.00
32	T	Chloroform	1.846	1.604	13.1	114	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.586	1.503	5.2	116	0.00
34	T	Tetrahydrofuran	0.844	0.764	9.5	113	0.00
35	T	Ethyl tert-Butyl Ether	1.526	1.360	10.9	111	0.00
36	T	1,2-Dichloroethane	2.224	1.855	16.6	107	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	119	0.00
38	T	1,1,1-Trichloroethane	0.468	0.397	15.2	109	0.00

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\06\
Data File : 10060715.D
Acq On : 6 Oct 2007 22:37
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 23:05:34 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39	T	Isopropyl Acetate	0.230	0.224	2.6	111	0.00
40	T	1-Butanol	0.360	0.365	-1.4	102	0.00
41	T	Benzene	1.121	0.986	12.0	114	0.00
42	T	Carbon Tetrachloride	0.438	0.387	11.6	109	0.00
43	T	Cyclohexane	0.433	0.386	10.9	113	0.00
44	T	tert-Amyl Methyl Ether	0.770	0.694	9.9	110	0.00
45	T	1,2-Dichloropropane	0.373	0.334	10.5	110	0.00
46	T	Bromodichloromethane	0.368	0.331	10.1	109	0.00
47	T	Trichloroethene	0.339	0.294	13.3	112	0.00
48	T	1,4-Dioxane	0.212	0.204	3.8	113	0.00
49	T	Isooctane	1.747	1.528	12.5	108	0.00
50	T	Methyl Methacrylate	0.119	0.115	3.4	112	0.00
51	T	n-Heptane	0.284	0.257	9.5	114	0.00
52	T	cis-1,3-Dichloropropene	0.462	0.431	6.7	111	0.00
53	T	4-Methyl-2-pentanone	0.411	0.367	10.7	107	0.00
54	T	trans-1,3-Dichloropropene	0.417	0.393	5.8	109	0.00
55	T	1,1,2-Trichloroethane	0.288	0.263	8.7	113	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	120	0.00
57	S	Toluene-d8 (SS2)	2.230	2.235	-0.2	120	0.00
58	T	Toluene	2.733	2.404	12.0	112	0.00
59	T	2-Hexanone	2.333	1.876	19.6	98	0.00
60	T	Dibromochloromethane	0.790	0.720	8.9	110	0.00
61	T	1,2-Dibromoethane	0.783	0.716	8.6	111	0.00
62	T	Butyl Acetate	2.315	1.977	14.6	97	0.00
63	T	n-Octane	0.841	0.737	12.4	106	0.00
64	T	Tetrachloroethene	0.891	0.797	10.5	112	0.00
65	T	Chlorobenzene	1.927	1.728	10.3	112	0.00
66	T	Ethylbenzene	3.149	2.822	10.4	112	0.00
67	T	m- & p-Xylene	2.017	1.810	10.3	111	0.00
68	T	Bromoform	0.592	0.563	4.9	111	0.00
69	T	Styrene	2.050	1.856	9.5	111	0.00
70	T	o-Xylene	2.218	1.958	11.7	110	0.00
71	T	n-Nonane	1.996	1.625	18.6	99	0.00
72	T	1,1,2,2-Tetrachloroethane	0.947	0.910	3.9	113	0.00
73	S	Bromofluorobenzene (SS3)	0.934	0.958	-2.6	122	0.00
74	T	Cumene	3.141	2.883	8.2	111	0.00
75	T	alpha-Pinene	1.553	1.408	9.3	108	0.00
76	T	n-Propylbenzene	3.616	3.363	7.0	111	0.00

Data Path : J:\MS13\DATA\2007_10\06\
Data File : 10060715.D
Acq On : 6 Oct 2007 22:37
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 23:05:34 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
77	T	3-Ethyltoluene	3.340	3.100	7.2	111	0.00
78	T	4-Ethyltoluene	3.128	2.801	10.5	110	0.00
79	T	1,3,5-Trimethylbenzene	2.744	2.490	9.3	110	0.00
80	T	alpha-Methylstyrene	1.487	1.326	10.8	103	0.00
81	T	2-Ethyltoluene	3.316	3.054	7.9	111	0.00
82	T	1,2,4-Trimethylbenzene	2.741	2.444	10.8	109	0.00
83	T	n-Decane	2.124	1.859	12.5	106	0.00
84	T	Benzyl Chloride	2.121	2.135	-0.7	109	0.00
85	T	1,3-Dichlorobenzene	1.739	1.574	9.5	111	0.00
86	T	1,4-Dichlorobenzene	1.680	1.543	8.2	111	0.00
87	T	sec-Butylbenzene	3.590	3.299	8.1	110	0.00
88	T	p-Isopropyltoluene	2.880	2.619	9.1	109	0.00
89	T	1,2,3-Trimethylbenzene	2.666	2.416	9.4	108	0.00
90	T	1,2-Dichlorobenzene	1.602	1.441	10.0	110	0.00
91	T	d-Limonene	0.962	0.828	13.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.513	0.553	-7.8	113	0.00
93	T	n-Undecane	2.235	1.999	10.6	106	0.00
94	T	1,2,4-Trichlorobenzene	1.281	1.167	8.9	112	0.00
95	T	Naphthalene	3.501	3.503	-0.1	110	0.00
96	T	n-Dodecane	2.182	2.011	7.8	104	0.00
97	T	Hexachloro-1,3-butadiene	0.778	0.722	7.2	111	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\07\
Data File : 10070701.D
Acq On : 7 Oct 2007 7:47
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 07 08:55:45 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	121	0.00
2	T	Propene	1.993	1.628	18.3	105	0.00
3	T	Dichlorodifluoromethane	2.778	2.327	16.2	108	0.00
4	T	Chloromethane	3.730	3.067	17.8	107	0.00
5	T	Freon 114	1.256	1.131	10.0	116	0.00
6	T	Vinyl Chloride	2.628	2.346	10.7	118	0.00
7	T	1,3-Butadiene	2.430	2.107	13.3	106	0.00
8	T	Bromomethane	1.160	1.070	7.8	113	0.00
9	T	Chloroethane	1.256	1.112	11.5	111	0.00
10	T	Ethanol	1.385	1.235	10.8	105	0.00
11	T	Acetonitrile	3.620	3.195	11.7	103	0.00
12	T	Acrolein	1.180	1.097	7.0	106	0.00
13	T	Acetone	1.689	1.410	16.5	114	0.00
14	T	Trichlorofluoromethane	2.190	1.873	14.5	108	0.00
15	T	Isopropanol	4.648	4.169	10.3	102	0.00
16	T	Acrylonitrile	2.812	2.631	6.4	106	0.00
17	T	1,1-Dichloroethene	1.289	1.137	11.8	111	0.00
18	T	tert-Butanol	3.967	3.633	8.4	104	0.00
19	T	Methylene Chloride	1.375	1.211	11.9	111	0.00
20	T	Allyl Chloride	2.619	2.337	10.8	103	0.00
21	T	Trichlorotrifluoroethane	1.317	1.093	17.0	110	0.00
22	T	Carbon Disulfide	5.394	4.631	14.1	110	0.00
23	T	trans-1,2-Dichloroethene	2.656	2.361	11.1	110	0.00
24	T	1,1-Dichloroethane	2.685	2.407	10.4	113	0.00
25	T	Methyl tert-Butyl Ether	3.633	3.156	13.1	108	0.00
26	T	Vinyl Acetate	0.186	0.216	-16.1	117	0.00
27	T	2-Butanone	0.866	0.807	6.8	111	0.00
28	T	cis-1,2-Dichloroethene	2.406	2.133	11.3	110	0.00
29	T	Diisopropyl Ether	1.058	0.943	10.9	111	0.00
30	T	Ethyl Acetate	0.618	0.553	10.5	110	0.00
31	T	n-Hexane	3.326	2.676	19.5	105	0.00
32	T	Chloroform	1.846	1.633	11.5	113	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.586	1.547	2.5	117	0.00
34	T	Tetrahydrofuran	0.844	0.768	9.0	110	0.00
35	T	Ethyl tert-Butyl Ether	1.526	1.371	10.2	109	0.00
36	T	1,2-Dichloroethane	2.224	1.884	15.3	105	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	117	0.00
38	T	1,1,1-Trichloroethane	0.468	0.398	15.0	107	0.00

Data Path : J:\MS13\DATA\2007_10\07\
Data File : 10070701.D
Acq On : 7 Oct 2007 7:47
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 07 08:55:45 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39	T	Isopropyl Acetate	0.230	0.223	3.0	108	0.00
40	T	1-Butanol	0.360	0.367	-1.9	101	0.00
41	T	Benzene	1.121	0.990	11.7	112	0.00
42	T	Carbon Tetrachloride	0.438	0.388	11.4	107	0.00
43	T	Cyclohexane	0.433	0.386	10.9	111	0.00
44	T	tert-Amyl Methyl Ether	0.770	0.690	10.4	107	0.00
45	T	1,2-Dichloropropane	0.373	0.337	9.7	109	0.00
46	T	Bromodichloromethane	0.368	0.331	10.1	107	0.00
47	T	Trichloroethene	0.339	0.292	13.9	109	0.00
48	T	1,4-Dioxane	0.212	0.202	4.7	109	0.00
49	T	Isooctane	1.747	1.559	10.8	108	0.00
50	T	Methyl Methacrylate	0.119	0.116	2.5	111	0.00
51	T	n-Heptane	0.284	0.255	10.2	110	0.00
52	T	cis-1,3-Dichloropropene	0.462	0.430	6.9	109	0.00
53	T	4-Methyl-2-pentanone	0.411	0.369	10.2	106	0.00
54	T	trans-1,3-Dichloropropene	0.417	0.391	6.2	107	0.00
55	T	1,1,2-Trichloroethane	0.288	0.261	9.4	110	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	116	0.00
57	S	Toluene-d8 (SS2)	2.230	2.252	-1.0	118	0.00
58	T	Toluene	2.733	2.413	11.7	109	0.00
59	T	2-Hexanone	2.333	1.932	17.2	98	0.00
60	T	Dibromochloromethane	0.790	0.722	8.6	107	0.00
61	T	1,2-Dibromoethane	0.783	0.721	7.9	109	0.00
62	T	Butyl Acetate	2.315	2.039	11.9	98	0.00
63	T	n-Octane	0.841	0.761	9.5	106	0.00
64	T	Tetrachloroethene	0.891	0.793	11.0	108	0.00
65	T	Chlorobenzene	1.927	1.727	10.4	109	0.00
66	T	Ethylbenzene	3.149	2.812	10.7	108	0.00
67	T	m- & p-Xylene	2.017	1.812	10.2	108	0.00
68	T	Bromoform	0.592	0.563	4.9	108	0.00
69	T	Styrene	2.050	1.843	10.1	107	0.00
70	T	o-Xylene	2.218	1.952	12.0	107	0.00
71	T	n-Nonane	1.996	1.674	16.1	99	0.00
72	T	1,1,2,2-Tetrachloroethane	0.947	0.909	4.0	109	0.00
73	S	Bromofluorobenzene (SS3)	0.934	0.954	-2.1	118	0.00
74	T	Cumene	3.141	2.859	9.0	107	0.00
75	T	alpha-Pinene	1.553	1.407	9.4	105	0.00
76	T	n-Propylbenzene	3.616	3.360	7.1	107	0.00

Data Path : J:\MS13\DATA\2007_10\07\
Data File : 10070701.D
Acq On : 7 Oct 2007 7:47
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 07 08:55:45 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
77	T	3-Ethyltoluene	3.340	3.085	7.6	108	0.00
78	T	4-Ethyltoluene	3.128	2.787	10.9	106	0.00
79	T	1,3,5-Trimethylbenzene	2.744	2.493	9.1	107	0.00
80	T	alpha-Methylstyrene	1.487	1.328	10.7	101	0.00
81	T	2-Ethyltoluene	3.316	3.056	7.8	107	0.00
82	T	1,2,4-Trimethylbenzene	2.741	2.456	10.4	106	0.00
83	T	n-Decane	2.124	1.882	11.4	104	0.00
84	T	Benzyl Chloride	2.121	2.134	-0.6	106	0.00
85	T	1,3-Dichlorobenzene	1.739	1.566	9.9	107	0.00
86	T	1,4-Dichlorobenzene	1.680	1.537	8.5	107	0.00
87	T	sec-Butylbenzene	3.590	3.318	7.6	107	0.00
88	T	p-Isopropyltoluene	2.880	2.624	8.9	106	0.00
89	T	1,2,3-Trimethylbenzene	2.666	2.426	9.0	105	0.00
90	T	1,2-Dichlorobenzene	1.602	1.445	9.8	107	0.00
91	T	d-Limonene	0.962	0.820	14.8	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.513	0.542	-5.7	108	0.00
93	T	n-Undecane	2.235	2.040	8.7	105	0.00
94	T	1,2,4-Trichlorobenzene	1.281	1.181	7.8	110	0.00
95	T	Naphthalene	3.501	3.546	-1.3	108	0.00
96	T	n-Dodecane	2.182	2.063	5.5	104	0.00
97	T	Hexachloro-1,3-butadiene	0.778	0.724	6.9	108	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\07\
Data File : 10070705.D
Acq On : 7 Oct 2007 12:00
Operator : CJP
Sample : 1ng TO-15 CRQL Std
Misc : S20-09260707/S20-09250711
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 09:49:07 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	120	-0.02
2	T	Propene	1.993	1.887	5.3	90	0.01
3	T	Dichlorodifluoromethane	2.778	2.584	7.0	96	0.01
4	T	Chloromethane	3.730	3.251	12.8	93	0.02
5	T	Freon 114	1.256	1.265	-0.7	103	0.02
6	T	Vinyl Chloride	2.628	2.628	0.0	110	0.01
7	T	1,3-Butadiene	2.430	2.211	9.0	101	0.02
8	T	Bromomethane	1.160	1.065	8.2	103	0.02
9	T	Chloroethane	1.256	1.097	12.7	95	0.01
10	T	Ethanol	1.385	1.242	10.3	102	-0.02
11	T	Acetonitrile	3.620	3.098	14.4	91	-0.01
12	T	Acrolein	1.180	0.981	16.9	94	0.00
13	T	Acetone	1.689	1.725	-2.1	108	0.00
14	T	Trichlorofluoromethane	2.190	1.905	13.0	98	0.00
15	T	Isopropanol	4.648	4.618	0.6	90	-0.03
16	T	Acrylonitrile	2.812	2.447	13.0	94	-0.02
17	T	1,1-Dichloroethene	1.289	1.196	7.2	106	0.01
18	T	tert-Butanol	3.967	3.960	0.2	97	-0.02
19	T	Methylene Chloride	1.375	1.323	3.8	103	0.00
20	T	Allyl Chloride	2.619	2.237	14.6	96	0.00
21	T	Trichlorotrifluoroethane	1.317	1.160	11.9	95	0.00
22	T	Carbon Disulfide	5.394	4.866	9.8	103	0.00
23	T	trans-1,2-Dichloroethene	2.656	2.350	11.5	98	0.00
24	T	1,1-Dichloroethane	2.685	2.525	6.0	105	-0.02
25	T	Methyl tert-Butyl Ether	3.633	3.027	16.7	99	0.00
26	T	Vinyl Acetate	0.186	0.098	47.3#	89	-0.02
27	T	2-Butanone	0.866	0.754	12.9	97	0.00
28	T	cis-1,2-Dichloroethene	2.406	2.207	8.3	102	-0.02
29	T	Diisopropyl Ether	1.058	0.982	7.2	98	0.00
30	T	Ethyl Acetate	0.618	0.510	17.5	91	0.00
31	T	n-Hexane	3.326	2.836	14.7	93	0.00
32	T	Chloroform	1.846	1.739	5.8	106	-0.03
33	S	1,2-Dichloroethane-d4(SS1)	1.586	1.562	1.5	113	-0.02
34	T	Tetrahydrofuran	0.844	0.707	16.2	96	0.00
35	T	Ethyl tert-Butyl Ether	1.526	1.322	13.4	98	0.00
36	T	1,2-Dichloroethane	2.224	1.916	13.8	92	-0.01
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	114	-0.01
38	T	1,1,1-Trichloroethane	0.468	0.426	9.0	99	-0.02

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\07\
Data File : 10070705.D
Acq On : 7 Oct 2007 12:00
Operator : CJP
Sample : 1ng TO-15 CRQL Std
Misc : S20-09260707/S20-09250711
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 09:49:07 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39	T	Isopropyl Acetate	0.230	0.221	3.9	98	-0.01
40	T	1-Butanol	0.360	0.355	1.4	103	0.00
41	T	Benzene	1.121	1.079	3.7	101	-0.01
42	T	Carbon Tetrachloride	0.438	0.401	8.4	101	-0.01
43	T	Cyclohexane	0.433	0.416	3.9	102	0.00
44	T	tert-Amyl Methyl Ether	0.770	0.692	10.1	96	0.00
45	T	1,2-Dichloropropane	0.373	0.355	4.8	99	0.00
46	T	Bromodichloromethane	0.368	0.335	9.0	95	0.00
47	T	Trichloroethene	0.339	0.319	5.9	96	-0.01
48	T	1,4-Dioxane	0.212	0.215	-1.4	103	0.00
49	T	Isooctane	1.747	1.602	8.3	95	0.00
50	T	Methyl Methacrylate	0.119	0.113	5.0	101	0.00
51	T	n-Heptane	0.284	0.268	5.6	96	0.00
52	T	cis-1,3-Dichloropropene	0.462	0.433	6.3	102	0.00
53	T	4-Methyl-2-pentanone	0.411	0.367	10.7	95	0.00
54	T	trans-1,3-Dichloropropene	0.417	0.389	6.7	101	0.00
55	T	1,1,2-Trichloroethane	0.288	0.274	4.9	100	-0.01
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	118	0.00
57	S	Toluene-d8 (SS2)	2.230	2.246	-0.7	118	-0.01
58	T	Toluene	2.733	2.555	6.5	100	-0.01
59	T	2-Hexanone	2.333	1.932	17.2	89	0.00
60	T	Dibromochloromethane	0.790	0.713	9.7	98	0.00
61	T	1,2-Dibromoethane	0.783	0.727	7.2	101	0.00
62	T	Butyl Acetate	2.315	1.976	14.6	87	0.00
63	T	n-Octane	0.841	0.777	7.6	97	0.00
64	T	Tetrachloroethene	0.891	0.846	5.1	103	0.00
65	T	Chlorobenzene	1.927	1.791	7.1	100	0.00
66	T	Ethylbenzene	3.149	2.943	6.5	101	0.00
67	T	m- & p-Xylene	2.017	1.917	5.0	100	-0.01
68	T	Bromoform	0.592	0.532	10.1	101	-0.01
69	T	Styrene	2.050	1.882	8.2	102	0.00
70	T	o-Xylene	2.218	2.079	6.3	100	0.00
71	T	n-Nonane	1.996	1.797	10.0	93	0.00
72	T	1,1,2,2-Tetrachloroethane	0.947	0.835	11.8	99	0.00
73	S	Bromofluorobenzene (SS3)	0.934	0.960	-2.8	121	0.00
74	T	Cumene	3.141	3.022	3.8	101	0.00
75	T	alpha-Pinene	1.553	1.456	6.2	101	0.00
76	T	n-Propylbenzene	3.616	3.552	1.8	100	0.00

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\07\
Data File : 10070705.D
Acq On : 7 Oct 2007 12:00
Operator : CJP
Sample : 1ng TO-15 CRQL Std
Misc : S20-09260707/S20-09250711
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 09:49:07 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
77	T	3-Ethyltoluene	3.340	3.185	4.6	102	0.00
78	T	4-Ethyltoluene	3.128	3.028	3.2	102	0.00
79	T	1,3,5-Trimethylbenzene	2.744	2.652	3.4	102	0.00
80	T	alpha-Methylstyrene	1.487	1.376	7.5	99	0.00
81	T	2-Ethyltoluene	3.316	3.197	3.6	99	-0.01
82	T	1,2,4-Trimethylbenzene	2.741	2.628	4.1	100	0.00
83	T	n-Decane	2.124	1.961	7.7	97	0.00
84	T	Benzyl Chloride	2.121	1.890	10.9	99	0.00
85	T	1,3-Dichlorobenzene	1.739	1.645	5.4	100	-0.01
86	T	1,4-Dichlorobenzene	1.680	1.610	4.2	100	0.00
87	T	sec-Butylbenzene	3.590	3.488	2.8	98	0.00
88	T	p-Isopropyltoluene	2.880	2.765	4.0	98	0.00
89	T	1,2,3-Trimethylbenzene	2.666	2.557	4.1	100	0.00
90	T	1,2-Dichlorobenzene	1.602	1.506	6.0	97	0.00
91	T	d-Limonene	0.962	0.916	4.8	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.513	0.470	8.4	103	0.00
93	T	n-Undecane	2.235	2.100	6.0	97	0.00
94	T	1,2,4-Trichlorobenzene	1.281	1.061	17.2	98	0.00
95	T	Naphthalene	3.501	3.259	6.9	106	0.00
96	T	n-Dodecane	2.182	2.004	8.2	100	0.00
97	T	Hexachloro-1,3-butadiene	0.778	0.734	5.7	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\07\
Data File : 10070715.D
Acq On : 7 Oct 2007 19:20
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 07:21:40 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	116	0.00
2	T	Propene	1.993	1.575	21.0	97	0.00
3	T	Dichlorodifluoromethane	2.778	2.283	17.8	101	0.00
4	T	Chloromethane	3.730	3.038	18.6	102	0.00
5	T	Freon 114	1.256	1.076	14.3	105	0.00
6	T	Vinyl Chloride	2.628	2.275	13.4	109	0.00
7	T	1,3-Butadiene	2.430	2.060	15.2	99	0.00
8	T	Bromomethane	1.160	1.044	10.0	105	0.00
9	T	Chloroethane	1.256	1.076	14.3	103	0.00
10	T	Ethanol	1.385	1.257	9.2	102	0.00
11	T	Acetonitrile	3.620	3.172	12.4	98	0.00
12	T	Acrolein	1.180	1.076	8.8	100	0.00
13	T	Acetone	1.689	1.370	18.9	106	0.00
14	T	Trichlorofluoromethane	2.190	1.837	16.1	101	0.00
15	T	Isopropanol	4.648	4.172	10.2	98	0.00
16	T	Acrylonitrile	2.812	2.624	6.7	101	0.00
17	T	1,1-Dichloroethene	1.289	1.128	12.5	105	0.00
18	T	tert-Butanol	3.967	3.494	11.9	96	0.00
19	T	Methylene Chloride	1.375	1.184	13.9	104	0.00
20	T	Allyl Chloride	2.619	2.314	11.6	98	0.00
21	T	Trichlorotrifluoroethane	1.317	1.017	22.8	98	0.00
22	T	Carbon Disulfide	5.394	4.607	14.6	104	0.00
23	T	trans-1,2-Dichloroethene	2.656	2.282	14.1	102	0.00
24	T	1,1-Dichloroethane	2.685	2.376	11.5	107	0.00
25	T	Methyl tert-Butyl Ether	3.633	2.935	19.2	96	0.00
26	T	Vinyl Acetate	0.186	0.216	-16.1	112	0.00
27	T	2-Butanone	0.866	0.785	9.4	103	0.00
28	T	cis-1,2-Dichloroethene	2.406	2.131	11.4	105	0.00
29	T	Diisopropyl Ether	1.058	0.900	14.9	101	0.00
30	T	Ethyl Acetate	0.618	0.536	13.3	101	0.00
31	T	n-Hexane	3.326	2.434	26.8	92	0.00
32	T	Chloroform	1.846	1.622	12.1	107	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.586	1.545	2.6	111	0.00
34	T	Tetrahydrofuran	0.844	0.746	11.6	102	0.00
35	T	Ethyl tert-Butyl Ether	1.526	1.296	15.1	98	0.00
36	T	1,2-Dichloroethane	2.224	1.888	15.1	101	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	110	0.00
38	T	1,1,1-Trichloroethane	0.468	0.396	15.4	100	0.00

10/8/07

Data Path : J:\MS13\DATA\2007_10\07\
Data File : 10070715.D
Acq On : 7 Oct 2007 19:20
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 07:21:40 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39	T	Isopropyl Acetate	0.230	0.220	4.3	101	0.00
40	T	1-Butanol	0.360	0.368	-2.2	95	0.00
41	T	Benzene	1.121	0.980	12.6	104	0.00
42	T	Carbon Tetrachloride	0.438	0.386	11.9	100	0.00
43	T	Cyclohexane	0.433	0.376	13.2	101	0.00
44	T	tert-Amyl Methyl Ether	0.770	0.676	12.2	99	0.00
45	T	1,2-Dichloropropane	0.373	0.338	9.4	103	0.00
46	T	Bromodichloromethane	0.368	0.332	9.8	101	0.00
47	T	Trichloroethene	0.339	0.291	14.2	102	0.00
48	T	1,4-Dioxane	0.212	0.203	4.2	103	0.00
49	T	Isooctane	1.747	1.521	12.9	99	0.00
50	T	Methyl Methacrylate	0.119	0.114	4.2	102	0.00
51	T	n-Heptane	0.284	0.254	10.6	103	0.00
52	T	cis-1,3-Dichloropropene	0.462	0.429	7.1	102	0.00
53	T	4-Methyl-2-pentanone	0.411	0.369	10.2	99	0.00
54	T	trans-1,3-Dichloropropene	0.417	0.390	6.5	100	0.00
55	T	1,1,2-Trichloroethane	0.288	0.262	9.0	103	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	111	0.00
57	S	Toluene-d8 (SS2)	2.230	2.226	0.2	111	0.00
58	T	Toluene	2.733	2.381	12.9	103	0.00
59	T	2-Hexanone	2.333	1.917	17.8	93	0.00
60	T	Dibromochloromethane	0.790	0.716	9.4	102	0.00
61	T	1,2-Dibromoethane	0.783	0.711	9.2	103	0.00
62	T	Butyl Acetate	2.315	2.018	12.8	92	0.00
63	T	n-Octane	0.841	0.733	12.8	98	0.00
64	T	Tetrachloroethene	0.891	0.784	12.0	102	0.00
65	T	Chlorobenzene	1.927	1.713	11.1	103	0.00
66	T	Ethylbenzene	3.149	2.785	11.6	102	0.00
67	T	m- & p-Xylene	2.017	1.797	10.9	103	0.00
68	T	Bromoform	0.592	0.563	4.9	103	0.00
69	T	Styrene	2.050	1.835	10.5	102	0.00
70	T	o-Xylene	2.218	1.946	12.3	102	0.00
71	T	n-Nonane	1.996	1.694	15.1	96	0.00
72	T	1,1,2,2-Tetrachloroethane	0.947	0.904	4.5	104	0.00
73	S	Bromofluorobenzene (SS3)	0.934	0.965	-3.3	114	0.00
74	T	Cumene	3.141	2.856	9.1	102	0.00
75	T	alpha-Pinene	1.553	1.404	9.6	100	0.00
76	T	n-Propylbenzene	3.616	3.347	7.4	102	0.00

10/8/07

Data Path : J:\MS13\DATA\2007_10\07\
Data File : 10070715.D
Acq On : 7 Oct 2007 19:20
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 07:21:40 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
77	T	3-Ethyltoluene	3.340	3.083	7.7	103	0.00
78	T	4-Ethyltoluene	3.128	2.784	11.0	102	0.00
79	T	1,3,5-Trimethylbenzene	2.744	2.471	9.9	102	0.00
80	T	alpha-Methylstyrene	1.487	1.313	11.7	95	0.00
81	T	2-Ethyltoluene	3.316	3.043	8.2	102	0.00
82	T	1,2,4-Trimethylbenzene	2.741	2.446	10.8	101	0.00
83	T	n-Decane	2.124	1.888	11.1	100	0.00
84	T	Benzyl Chloride	2.121	2.124	-0.1	101	0.00
85	T	1,3-Dichlorobenzene	1.739	1.565	10.0	102	0.00
86	T	1,4-Dichlorobenzene	1.680	1.537	8.5	103	0.00
87	T	sec-Butylbenzene	3.590	3.281	8.6	101	0.00
88	T	p-Isopropyltoluene	2.880	2.612	9.3	101	0.00
89	T	1,2,3-Trimethylbenzene	2.666	2.431	8.8	101	0.00
90	T	1,2-Dichlorobenzene	1.602	1.451	9.4	103	0.00
91	T	d-Limonene	0.962	0.820	14.8	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.513	0.550	-7.2	105	0.00
93	T	n-Undecane	2.235	2.031	9.1	100	0.00
94	T	1,2,4-Trichlorobenzene	1.281	1.182	7.7	106	0.00
95	T	Naphthalene	3.501	3.540	-1.1	103	0.00
96	T	n-Dodecane	2.182	2.073	5.0	100	0.00
97	T	Hexachloro-1,3-butadiene	0.778	0.726	6.7	103	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\08\
Data File : 10080701.D
Acq On : 8 Oct 2007 7:44
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 11:06:34 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	116	0.00
2	T	Propene	1.993	1.641	17.7	101	-0.01
3	T	Dichlorodifluoromethane	2.778	2.364	14.9	105	-0.01
4	T	Chloromethane	3.730	3.072	17.6	103	0.00
5	T	Freon 114	1.256	1.140	9.2	112	0.00
6	T	Vinyl Chloride	2.628	2.307	12.2	111	0.00
7	T	1,3-Butadiene	2.430	2.172	10.6	105	0.00
8	T	Bromomethane	1.160	1.074	7.4	109	0.00
9	T	Chloroethane	1.256	1.097	12.7	105	0.00
10	T	Ethanol	1.385	1.238	10.6	101	0.00
11	T	Acetonitrile	3.620	3.164	12.6	98	0.00
12	T	Acrolein	1.180	1.115	5.5	103	-0.01
13	T	Acetone	1.689	1.413	16.3	110	-0.01
14	T	Trichlorofluoromethane	2.190	1.914	12.6	105	0.00
15	T	Isopropanol	4.648	4.334	6.8	102	0.00
16	T	Acrylonitrile	2.812	2.612	7.1	101	0.00
17	T	1,1-Dichloroethene	1.289	1.152	10.6	108	0.00
18	T	tert-Butanol	3.967	3.792	4.4	104	0.00
19	T	Methylene Chloride	1.375	1.203	12.5	106	0.00
20	T	Allyl Chloride	2.619	2.388	8.8	101	0.00
21	T	Trichlorotrifluoroethane	1.317	1.147	12.9	110	0.00
22	T	Carbon Disulfide	5.394	4.709	12.7	107	0.00
23	T	trans-1,2-Dichloroethene	2.656	2.353	11.4	105	0.00
24	T	1,1-Dichloroethane	2.685	2.374	11.6	107	0.00
25	T	Methyl tert-Butyl Ether	3.633	3.253	10.5	106	0.00
26	T	Vinyl Acetate	0.186	0.248	-33.3#	129	0.00
27	T	2-Butanone	0.866	0.816	5.8	108	0.00
28	T	cis-1,2-Dichloroethene	2.406	2.128	11.6	105	0.00
29	T	Diisopropyl Ether	1.058	0.951	10.1	107	0.00
30	T	Ethyl Acetate	0.618	0.565	8.6	107	0.00
31	T	n-Hexane	3.326	2.750	17.3	104	0.00
32	T	Chloroform	1.846	1.660	10.1	110	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.586	1.583	0.2	114	0.00
34	T	Tetrahydrofuran	0.844	0.775	8.2	106	0.00
35	T	Ethyl tert-Butyl Ether	1.526	1.389	9.0	105	0.00
36	T	1,2-Dichloroethane	2.224	1.939	12.8	104	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	115	0.00
38	T	1,1,1-Trichloroethane	0.468	0.390	16.7	103	0.00

Data Path : J:\MS13\DATA\2007_10\08\
Data File : 10080701.D
Acq On : 8 Oct 2007 7:44
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 11:06:34 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39	T	Isopropyl Acetate	0.230	0.225	2.2	108	0.00
40	T	1-Butanol	0.360	0.357	0.8	96	0.00
41	T	Benzene	1.121	0.966	13.8	107	0.00
42	T	Carbon Tetrachloride	0.438	0.382	12.8	103	0.00
43	T	Cyclohexane	0.433	0.377	12.9	106	0.00
44	T	tert-Amyl Methyl Ether	0.770	0.693	10.0	106	0.00
45	T	1,2-Dichloropropane	0.373	0.332	11.0	106	0.00
46	T	Bromodichloromethane	0.368	0.329	10.6	104	0.00
47	T	Trichloroethene	0.339	0.289	14.7	106	0.00
48	T	1,4-Dioxane	0.212	0.198	6.6	105	0.00
49	T	Isooctane	1.747	1.549	11.3	105	0.00
50	T	Methyl Methacrylate	0.119	0.114	4.2	107	0.00
51	T	n-Heptane	0.284	0.256	9.9	109	0.00
52	T	cis-1,3-Dichloropropene	0.462	0.426	7.8	106	0.00
53	T	4-Methyl-2-pentanone	0.411	0.361	12.2	101	0.00
54	T	trans-1,3-Dichloropropene	0.417	0.386	7.4	104	0.00
55	T	1,1,2-Trichloroethane	0.288	0.255	11.5	105	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	112	0.00
57	S	Toluene-d8 (SS2)	2.230	2.272	-1.9	114	0.00
58	T	Toluene	2.733	2.431	11.1	106	0.00
59	T	2-Hexanone	2.333	1.941	16.8	95	0.00
60	T	Dibromochloromethane	0.790	0.722	8.6	103	0.00
61	T	1,2-Dibromoethane	0.783	0.717	8.4	104	0.00
62	T	Butyl Acetate	2.315	2.050	11.4	95	0.00
63	T	n-Octane	0.841	0.766	8.9	103	0.00
64	T	Tetrachloroethene	0.891	0.807	9.4	106	0.00
65	T	Chlorobenzene	1.927	1.728	10.3	105	0.00
66	T	Ethylbenzene	3.149	2.814	10.6	104	0.00
67	T	m- & p-Xylene	2.017	1.818	9.9	104	0.00
68	T	Bromoform	0.592	0.571	3.5	105	0.00
69	T	Styrene	2.050	1.846	10.0	103	0.00
70	T	o-Xylene	2.218	1.972	11.1	104	0.00
71	T	n-Nonane	1.996	1.699	14.9	97	0.00
72	T	1,1,2,2-Tetrachloroethane	0.947	0.906	4.3	105	0.00
73	S	Bromofluorobenzene (SS3)	0.934	0.964	-3.2	115	0.00
74	T	Cumene	3.141	2.904	7.5	104	0.00
75	T	alpha-Pinene	1.553	1.404	9.6	101	0.00
76	T	n-Propylbenzene	3.616	3.378	6.6	104	0.00

Data Path : J:\MS13\DATA\2007_10\08\
Data File : 10080701.D
Acq On : 8 Oct 2007 7:44
Operator : CJP
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 11:06:34 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
77	T	3-Ethyltoluene	3.340	3.081	7.8	104	0.00
78	T	4-Ethyltoluene	3.128	2.814	10.0	103	0.00
79	T	1,3,5-Trimethylbenzene	2.744	2.497	9.0	103	0.00
80	T	alpha-Methylstyrene	1.487	1.315	11.6	96	0.00
81	T	2-Ethyltoluene	3.316	3.053	7.9	103	0.00
82	T	1,2,4-Trimethylbenzene	2.741	2.469	9.9	103	0.00
83	T	n-Decane	2.124	1.896	10.7	101	0.00
84	T	Benzyl Chloride	2.121	2.151	-1.4	103	0.00
85	T	1,3-Dichlorobenzene	1.739	1.579	9.2	104	0.00
86	T	1,4-Dichlorobenzene	1.680	1.549	7.8	104	0.00
87	T	sec-Butylbenzene	3.590	3.327	7.3	104	0.00
88	T	p-Isopropyltoluene	2.880	2.636	8.5	103	0.00
89	T	1,2,3-Trimethylbenzene	2.666	2.435	8.7	102	0.00
90	T	1,2-Dichlorobenzene	1.602	1.457	9.1	104	0.00
91	T	d-Limonene	0.962	0.823	14.4	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.513	0.552	-7.6	106	0.00
93	T	n-Undecane	2.235	2.062	7.7	102	0.00
94	T	1,2,4-Trichlorobenzene	1.281	1.193	6.9	107	0.00
95	T	Naphthalene	3.501	3.562	-1.7	105	0.00
96	T	n-Dodecane	2.182	2.072	5.0	100	0.00
97	T	Hexachloro-1,3-butadiene	0.778	0.742	4.6	106	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\08\
Data File : 10080705.D
Acq On : 8 Oct 2007 11:19
Operator : CH
Sample : 1ng TO-15 CRQL STD
Misc : S20-09260707/S20-09250711
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 11:48:18 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	118	-0.02
2	T	Propene	1.993	1.927	3.3	90	0.02
3	T	Dichlorodifluoromethane	2.778	2.633	5.2	96	0.01
4	T	Chloromethane	3.730	3.520	5.6	99	0.02
5	T	Freon 114	1.256	1.394	-11.0	111	0.02
6	T	Vinyl Chloride	2.628	2.622	0.2	107	0.01
7	T	1,3-Butadiene	2.430	2.257	7.1	101	0.01
8	T	Bromomethane	1.160	1.120	3.4	106	0.02
9	T	Chloroethane	1.256	1.190	5.3	101	0.01
10	T	Ethanol	1.385	1.344	3.0	108	-0.01
11	T	Acetonitrile	3.620	3.246	10.3	94	-0.01
12	T	Acrolein	1.180	0.981	16.9	92	0.00
13	T	Acetone	1.689	1.828	-8.2	112	0.00
14	T	Trichlorofluoromethane	2.190	2.040	6.8	103	0.00
15	T	Isopropanol	4.648	5.067	-9.0	97	-0.03
16	T	Acrylonitrile	2.812	2.473	12.1	93	-0.02
17	T	1,1-Dichloroethene	1.289	1.194	7.4	103	0.00
18	T	tert-Butanol	3.967	4.248	-7.1	102	-0.02
19	T	Methylene Chloride	1.375	1.284	6.6	98	-0.01
20	T	Allyl Chloride	2.619	2.222	15.2	94	0.00
21	T	Trichlorotrifluoroethane	1.317	1.149	12.8	93	0.00
22	T	Carbon Disulfide	5.394	4.975	7.8	104	0.00
23	T	trans-1,2-Dichloroethene	2.656	2.367	10.9	97	0.00
24	T	1,1-Dichloroethane	2.685	2.457	8.5	100	-0.02
25	T	Methyl tert-Butyl Ether	3.633	3.112	14.3	100	0.00
26	T	Vinyl Acetate	0.186	0.142	23.7	126	-0.02
27	T	2-Butanone	0.866	0.819	5.4	104	0.00
28	T	cis-1,2-Dichloroethene	2.406	2.215	7.9	101	-0.02
29	T	Diisopropyl Ether	1.058	1.009	4.6	99	-0.01
30	T	Ethyl Acetate	0.618	0.539	12.8	94	-0.01
31	T	n-Hexane	3.326	2.920	12.2	94	-0.01
32	T	Chloroform	1.846	1.765	4.4	106	-0.03
33	S	1,2-Dichloroethane-d4(SS1)	1.586	1.595	-0.6	113	-0.02
34	T	Tetrahydrofuran	0.844	0.751	11.0	100	0.00
35	T	Ethyl tert-Butyl Ether	1.526	1.394	8.7	101	-0.01
36	T	1,2-Dichloroethane	2.224	2.005	9.8	95	-0.02
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	117	-0.01
38	T	1,1,1-Trichloroethane	0.468	0.414	11.5	98	-0.01

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\08\
Data File : 10080705.D
Acq On : 8 Oct 2007 11:19
Operator : CH
Sample : 1ng TO-15 CRQL STD
Misc : S20-09260707/S20-09250711
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 11:48:18 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39	T	Isopropyl Acetate	0.230	0.212	7.8	96	-0.01
40	T	1-Butanol	0.360	0.376	-4.4	111	0.01
41	T	Benzene	1.121	1.092	2.6	104	-0.01
42	T	Carbon Tetrachloride	0.438	0.391	10.7	101	-0.01
43	T	Cyclohexane	0.433	0.407	6.0	102	-0.01
44	T	tert-Amyl Methyl Ether	0.770	0.708	8.1	101	0.00
45	T	1,2-Dichloropropane	0.373	0.354	5.1	100	0.00
46	T	Bromodichloromethane	0.368	0.333	9.5	97	-0.01
47	T	Trichloroethene	0.339	0.334	1.5	103	0.00
48	T	1,4-Dioxane	0.212	0.208	1.9	102	0.00
49	T	Isooctane	1.747	1.667	4.6	101	-0.01
50	T	Methyl Methacrylate	0.119	0.113	5.0	103	0.00
51	T	n-Heptane	0.284	0.277	2.5	102	-0.01
52	T	cis-1,3-Dichloropropene	0.462	0.427	7.6	102	-0.01
53	T	4-Methyl-2-pentanone	0.411	0.367	10.7	97	0.00
54	T	trans-1,3-Dichloropropene	0.417	0.386	7.4	102	0.00
55	T	1,1,2-Trichloroethane	0.288	0.270	6.2	101	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	117	0.00
57	S	Toluene-d8 (SS2)	2.230	2.249	-0.9	118	-0.01
58	T	Toluene	2.733	2.645	3.2	103	-0.01
59	T	2-Hexanone	2.333	2.032	12.9	93	0.00
60	T	Dibromochloromethane	0.790	0.726	8.1	99	0.00
61	T	1,2-Dibromoethane	0.783	0.719	8.2	100	0.00
62	T	Butyl Acetate	2.315	2.021	12.7	89	0.00
63	T	n-Octane	0.841	0.788	6.3	97	0.00
64	T	Tetrachloroethene	0.891	0.830	6.8	100	0.00
65	T	Chlorobenzene	1.927	1.860	3.5	103	0.00
66	T	Ethylbenzene	3.149	3.017	4.2	103	0.00
67	T	m- & p-Xylene	2.017	1.946	3.5	101	0.00
68	T	Bromoform	0.592	0.528	10.8	100	0.00
69	T	Styrene	2.050	1.915	6.6	103	0.00
70	T	o-Xylene	2.218	2.151	3.0	103	0.00
71	T	n-Nonane	1.996	1.819	8.9	94	0.00
72	T	1,1,2,2-Tetrachloroethane	0.947	0.880	7.1	104	0.00
73	S	Bromofluorobenzene (SS3)	0.934	0.951	-1.8	119	0.00
74	T	Cumene	3.141	3.162	-0.7	105	0.00
75	T	alpha-Pinene	1.553	1.431	7.9	99	0.00
76	T	n-Propylbenzene	3.616	3.589	0.7	100	0.00

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\08\
Data File : 10080705.D
Acq On : 8 Oct 2007 11:19
Operator : CH
Sample : 1ng TO-15 CRQL STD
Misc : S20-09260707/S20-09250711
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 11:48:18 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
77	T	3-Ethyltoluene	3.340	3.268	2.2	104	0.00
78	T	4-Ethyltoluene	3.128	3.088	1.3	103	0.00
79	T	1,3,5-Trimethylbenzene	2.744	2.679	2.4	103	0.00
80	T	alpha-Methylstyrene	1.487	1.434	3.6	102	0.00
81	T	2-Ethyltoluene	3.316	3.246	2.1	100	0.00
82	T	1,2,4-Trimethylbenzene	2.741	2.712	1.1	102	0.00
83	T	n-Decane	2.124	1.979	6.8	97	0.00
84	T	Benzyl Chloride	2.121	1.929	9.1	101	0.00
85	T	1,3-Dichlorobenzene	1.739	1.708	1.8	103	-0.01
86	T	1,4-Dichlorobenzene	1.680	1.689	-0.5	104	0.00
87	T	sec-Butylbenzene	3.590	3.510	2.2	98	0.00
88	T	p-Isopropyltoluene	2.880	2.755	4.3	97	0.00
89	T	1,2,3-Trimethylbenzene	2.666	2.582	3.2	101	0.00
90	T	1,2-Dichlorobenzene	1.602	1.542	3.7	99	0.00
91	T	d-Limonene	0.962	0.921	4.3	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.513	0.478	6.8	103	0.00
93	T	n-Undecane	2.235	2.131	4.7	98	0.00
94	T	1,2,4-Trichlorobenzene	1.281	1.098	14.3	101	0.00
95	T	Naphthalene	3.501	3.540	-1.1	115	0.00
96	T	n-Dodecane	2.182	2.001	8.3	99	0.00
97	T	Hexachloro-1,3-butadiene	0.778	0.793	-1.9	105	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data Path : J:\MS13\DATA\2007_10\08\
Data File : 10080713.D
Acq On : 8 Oct 2007 17:22
Operator : CH
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 17:57:41 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	116	0.00
2	T	Propene	1.993	1.625	18.5	100	0.00
3	T	Dichlorodifluoromethane	2.778	2.355	15.2	104	0.00
4	T	Chloromethane	3.730	3.021	19.0	101	0.00
5	T	Freon 114	1.256	1.113	11.4	109	0.00
6	T	Vinyl Chloride	2.628	2.343	10.8	112	0.00
7	T	1,3-Butadiene	2.430	2.100	13.6	101	0.00
8	T	Bromomethane	1.160	1.087	6.3	109	0.00
9	T	Chloroethane	1.256	1.141	9.2	109	0.00
10	T	Ethanol	1.385	1.225	11.6	99	0.00
11	T	Acetonitrile	3.620	3.212	11.3	99	0.00
12	T	Acrolein	1.180	1.096	7.1	101	0.00
13	T	Acetone	1.689	1.421	15.9	110	0.00
14	T	Trichlorofluoromethane	2.190	1.886	13.9	103	0.00
15	T	Isopropanol	4.648	4.182	10.0	98	0.00
16	T	Acrylonitrile	2.812	2.623	6.7	101	0.00
17	T	1,1-Dichloroethene	1.289	1.158	10.2	108	0.00
18	T	tert-Butanol	3.967	3.651	8.0	100	0.00
19	T	Methylene Chloride	1.375	1.221	11.2	107	0.00
20	T	Allyl Chloride	2.619	2.335	10.8	98	0.00
21	T	Trichlorotrifluoroethane	1.317	1.131	14.1	108	0.00
22	T	Carbon Disulfide	5.394	4.769	11.6	108	0.00
23	T	trans-1,2-Dichloroethene	2.656	2.344	11.7	104	0.00
24	T	1,1-Dichloroethane	2.685	2.399	10.7	108	0.00
25	T	Methyl tert-Butyl Ether	3.633	3.212	11.6	104	0.00
26	T	Vinyl Acetate	0.186	0.236	-26.9	122	0.00
27	T	2-Butanone	0.866	0.825	4.7	108	0.00
28	T	cis-1,2-Dichloroethene	2.406	2.144	10.9	105	0.00
29	T	Diisopropyl Ether	1.058	0.968	8.5	108	0.00
30	T	Ethyl Acetate	0.618	0.560	9.4	106	0.00
31	T	n-Hexane	3.326	2.670	19.7	100	0.00
32	T	Chloroform	1.846	1.650	10.6	109	0.00
33	S	1,2-Dichloroethane-d4(SS1)	1.586	1.527	3.7	110	0.00
34	T	Tetrahydrofuran	0.844	0.787	6.8	107	0.00
35	T	Ethyl tert-Butyl Ether	1.526	1.391	8.8	105	0.00
36	T	1,2-Dichloroethane	2.224	1.901	14.5	101	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	112	0.00
38	T	1,1,1-Trichloroethane	0.468	0.397	15.2	103	0.00

150

CA 10/9/07

Data Path : J:\MS13\DATA\2007_10\08\
Data File : 10080713.D
Acq On : 8 Oct 2007 17:22
Operator : CH
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 17:57:41 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39	T	Isopropyl Acetate	0.230	0.225	2.2	105	0.00
40	T	1-Butanol	0.360	0.367	-1.9	97	0.00
41	T	Benzene	1.121	1.002	10.6	109	0.00
42	T	Carbon Tetrachloride	0.438	0.390	11.0	103	0.00
43	T	Cyclohexane	0.433	0.389	10.2	107	0.00
44	T	tert-Amyl Methyl Ether	0.770	0.702	8.8	105	0.00
45	T	1,2-Dichloropropane	0.373	0.340	8.8	106	0.00
46	T	Bromodichloromethane	0.368	0.335	9.0	104	0.00
47	T	Trichloroethene	0.339	0.295	13.0	106	0.00
48	T	1,4-Dioxane	0.212	0.204	3.8	106	0.00
49	T	Isooctane	1.747	1.562	10.6	104	0.00
50	T	Methyl Methacrylate	0.119	0.117	1.7	107	0.00
51	T	n-Heptane	0.284	0.259	8.8	108	0.00
52	T	cis-1,3-Dichloropropene	0.462	0.430	6.9	105	0.00
53	T	4-Methyl-2-pentanone	0.411	0.372	9.5	102	0.00
54	T	trans-1,3-Dichloropropene	0.417	0.393	5.8	103	0.00
55	T	1,1,2-Trichloroethane	0.288	0.263	8.7	106	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	112	0.00
57	S	Toluene-d8 (SS2)	2.230	2.231	-0.0	112	0.00
58	T	Toluene	2.733	2.437	10.8	107	0.00
59	T	2-Hexanone	2.333	1.917	17.8	94	0.00
60	T	Dibromochloromethane	0.790	0.722	8.6	103	0.00
61	T	1,2-Dibromoethane	0.783	0.722	7.8	105	0.00
62	T	Butyl Acetate	2.315	2.021	12.7	93	0.00
63	T	n-Octane	0.841	0.753	10.5	102	0.00
64	T	Tetrachloroethene	0.891	0.802	10.0	105	0.00
65	T	Chlorobenzene	1.927	1.744	9.5	106	0.00
66	T	Ethylbenzene	3.149	2.853	9.4	106	0.00
67	T	m- & p-Xylene	2.017	1.829	9.3	105	0.00
68	T	Bromoform	0.592	0.567	4.2	105	0.00
69	T	Styrene	2.050	1.856	9.5	104	0.00
70	T	o-Xylene	2.218	1.977	10.9	104	0.00
71	T	n-Nonane	1.996	1.666	16.5	95	0.00
72	T	1,1,2,2-Tetrachloroethane	0.947	0.908	4.1	105	0.00
73	S	Bromofluorobenzene (SS3)	0.934	0.950	-1.7	113	0.00
74	T	Cumene	3.141	2.887	8.1	104	0.00
75	T	alpha-Pinene	1.553	1.420	8.6	102	0.00
76	T	n-Propylbenzene	3.616	3.386	6.4	104	0.00

CM 10/8/07

Data Path : J:\MS13\DATA\2007_10\08\
Data File : 10080713.D
Acq On : 8 Oct 2007 17:22
Operator : CH
Sample : 25ng TO-15 CCV STD
Misc : S20-09260707/S20-09260706
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 08 17:57:41 2007
Quant Method : J:\MS13\METHODS\R13092607.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5975 MSD
QLast Update : Thu Sep 27 12:31:49 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
77	T	3-Ethyltoluene	3.340	3.097	7.3	104	0.00
78	T	4-Ethyltoluene	3.128	2.815	10.0	104	0.00
79	T	1,3,5-Trimethylbenzene	2.744	2.498	9.0	104	0.00
80	T	alpha-Methylstyrene	1.487	1.319	11.3	96	0.00
81	T	2-Ethyltoluene	3.316	3.075	7.3	104	0.00
82	T	1,2,4-Trimethylbenzene	2.741	2.467	10.0	103	0.00
83	T	n-Decane	2.124	1.884	11.3	101	0.00
84	T	Benzyl Chloride	2.121	2.154	-1.6	103	0.00
85	T	1,3-Dichlorobenzene	1.739	1.582	9.0	104	0.00
86	T	1,4-Dichlorobenzene	1.680	1.555	7.4	105	0.00
87	T	sec-Butylbenzene	3.590	3.309	7.8	103	0.00
88	T	p-Isopropyltoluene	2.880	2.632	8.6	103	0.00
89	T	1,2,3-Trimethylbenzene	2.666	2.437	8.6	102	0.00
90	T	1,2-Dichlorobenzene	1.602	1.446	9.7	104	0.00
91	T	d-Limonene	0.962	0.816	15.2	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.513	0.556	-8.4	107	0.00
93	T	n-Undecane	2.235	2.036	8.9	101	0.00
94	T	1,2,4-Trichlorobenzene	1.281	1.196	6.6	108	0.00
95	T	Naphthalene	3.501	3.567	-1.9	105	0.00
96	T	n-Dodecane	2.182	2.046	6.2	99	0.00
97	T	Hexachloro-1,3-butadiene	0.778	0.735	5.5	106	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Lw 10/8/07

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_10\10\
Data File : 10100702.D
Acq On : 10 Oct 2007 9:33
Operator : SC
Sample : 25ng TO-15 CCV STD
Misc : S20-09270703/S20-10030704
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 10 10:02:25 2007
Quant Method : J:\MS08\METHODS\R8100507.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Sat Oct 06 12:55:19 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	111	0.00
2	T	Propene	2.568	2.124	17.3	98	0.00
3	T	Dichlorodifluoromethane	3.671	3.193	13.0	105	0.00
4	T	Chloromethane	4.144	4.161	-0.4	108	0.00
5	T	Freon 114	1.230	1.233	-0.2	122	0.00
6	T	Vinyl Chloride	3.119	3.219	-3.2	117	0.00
7	T	1,3-Butadiene	2.781	2.979	-7.1	115	0.00
8	T	Bromomethane	1.274	1.240	2.7	119	0.00
9	T	Chloroethane	1.328	1.326	0.2	113	0.00
10	T	Ethanol	2.044	1.804	11.7	105	0.00
11	T	Acetonitrile	4.528	4.383	3.2	101	0.00
12	T	Acrolein	1.627	1.505	7.5	103	0.00
13	T	Acetone	2.053	1.850	9.9	105	0.00
14	T	Trichlorofluoromethane	2.808	2.512	10.5	108	0.00
15	T	Isopropanol	6.170	5.724	7.2	100	0.00
16	T	Acrylonitrile	3.524	3.360	4.7	103	0.00
17	T	1,1-Dichloroethene	1.487	1.308	12.0	105	0.00
18	T	tert-Butanol	5.995	5.481	8.6	103	0.00
19	T	Methylene Chloride	1.581	1.364	13.7	104	0.00
20	T	Allyl Chloride	2.641	2.471	6.4	103	0.00
21	T	Trichlorotrifluoroethane	1.008	0.910	9.7	109	0.00
22	T	Carbon Disulfide	6.642	5.617	15.4	104	0.00
23	T	trans-1,2-Dichloroethene	3.214	2.877	10.5	103	0.00
24	T	1,1-Dichloroethane	3.638	3.176	12.7	104	0.00
25	T	Methyl tert-Butyl Ether	4.573	4.064	11.1	105	0.00
26	T	Vinyl Acetate	0.275	0.284	-3.3	110	0.00
27	T	2-Butanone	1.005	0.907	9.8	101	0.00
28	T	cis-1,2-Dichloroethene	2.945	2.637	10.5	103	0.00
29	T	Diisopropyl Ether	1.233	1.104	10.5	104	0.00
30	T	Ethyl Acetate	0.784	0.714	8.9	102	0.00
31	T	n-Hexane	4.329	3.772	12.9	101	0.00
32	T	Chloroform	2.389	2.095	12.3	105	0.00
33	S	1,2-Dichloroethane-d4(SS1)	2.405	2.383	0.9	107	0.00
34	T	Tetrahydrofuran	0.991	0.888	10.4	101	0.00
35	T	Ethyl tert-Butyl Ether	1.740	1.631	6.3	107	0.00
36	T	1,2-Dichloroethane	2.769	2.494	9.9	104	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	108	0.00
38	T	1,1,1-Trichloroethane	0.515	0.476	7.6	107	0.00
39	T	Isopropyl Acetate	0.290	0.277	4.5	102	0.00
40	T	1-Butanol	0.425	0.496	-16.7	100	0.00
41	T	Benzene	1.269	1.105	12.9	102	0.00
42	T	Carbon Tetrachloride	0.422	0.398	5.7	109	0.00
43	T	Cyclohexane	0.490	0.434	11.4	103	0.00
44	T	tert-Amyl Methyl Ether	0.881	0.824	6.5	105	0.00
45	T	1,2-Dichloropropane	0.457	0.409	10.5	102	0.00
46	T	Bromodichloromethane	0.424	0.395	6.8	105	0.00
47	T	Trichloroethene	0.277	0.250	9.7	105	0.00
48	T	1,4-Dioxane	0.221	0.215	2.7	102	0.00
49	T	Isooctane	2.197	2.014	8.3	101	0.00
50	T	Methyl Methacrylate	0.109	0.105	3.7	104	0.00
51	T	n-Heptane	0.317	0.291	8.2	102	0.00

10/10/07

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Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_10\10\
Data File : 10100702.D
Acq On : 10 Oct 2007 9:33
Operator : SC
Sample : 25ng TO-15 CCV STD
Misc : S20-09270703/S20-10030704
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 10 10:02:25 2007
Quant Method : J:\MS08\METHODS\R8100507.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Sat Oct 06 12:55:19 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.520	0.489	6.0	103	0.00
53	T	4-Methyl-2-pentanone	0.476	0.456	4.2	101	0.00
54	T	trans-1,3-Dichloropropene	0.478	0.460	3.8	105	0.00
55	T	1,1,2-Trichloroethane	0.302	0.280	7.3	106	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	107	0.00
57	S	Toluene-d8 (SS2)	2.206	2.193	0.6	107	0.00
58	T	Toluene	2.318	2.059	11.2	104	0.00
59	T	2-Hexanone	2.014	1.901	5.6	98	0.00
60	T	Dibromochloromethane	0.557	0.525	5.7	108	0.00
61	T	1,2-Dibromoethane	0.575	0.534	7.1	106	0.00
62	T	Butyl Acetate	1.973	2.020	-2.4	98	0.00
63	T	n-Octane	0.806	0.748	7.2	103	0.00
64	T	Tetrachloroethene	0.533	0.480	9.9	108	0.00
65	T	Chlorobenzene	1.373	1.234	10.1	105	0.00
66	T	Ethylbenzene	2.658	2.429	8.6	105	0.00
67	T	m- & p-Xylene	1.754	1.600	8.8	106	0.00
68	T	Bromoform	0.348	0.344	1.1	110	0.00
69	T	Styrene	1.363	1.332	2.3	106	0.00
70	T	o-Xylene	1.879	1.725	8.2	106	0.00
71	T	n-Nonane	1.731	1.611	6.9	101	0.00
72	T	1,1,2,2-Tetrachloroethane	0.889	0.817	8.1	104	0.00
73	S	Bromofluorobenzene (SS3)	0.632	0.653	-3.3	111	0.00
74	T	Cumene	2.272	2.091	8.0	107	0.00
75	T	alpha-Pinene	1.201	1.219	-1.5	108	0.00
76	T	n-Propylbenzene	3.094	2.908	6.0	106	0.00
77	T	3-Ethyltoluene	2.281	2.210	3.1	108	0.00
78	T	4-Ethyltoluene	2.199	2.042	7.1	108	0.00
79	T	1,3,5-Trimethylbenzene	1.884	1.753	7.0	109	0.00
80	T	alpha-Methylstyrene	0.795	0.952	-19.7	109	0.00
81	T	2-Ethyltoluene	2.286	2.167	5.2	109	0.00
82	T	1,2,4-Trimethylbenzene	1.877	1.722	8.3	109	0.00
83	T	n-Decane	1.795	1.514	15.7	97	0.00
84	T	Benzyl Chloride	1.864	1.824	2.1	102	0.00
85	T	1,3-Dichlorobenzene	1.028	0.938	8.8	109	0.00
86	T	1,4-Dichlorobenzene	0.972	0.923	5.0	110	0.00
87	T	sec-Butylbenzene	2.510	2.343	6.7	108	0.00
88	T	p-Isopropyltoluene	1.915	1.820	5.0	108	0.00
89	T	1,2,3-Trimethylbenzene	1.810	1.651	8.8	106	0.00
90	T	1,2-Dichlorobenzene	0.954	0.859	10.0	109	0.00
91	T	d-Limonene	0.648	0.754	-16.4	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.305	0.310	-1.6	110	0.00
93	T	n-Undecane	1.687	1.233	26.9	77	0.00
94		1,2,4-Trichlorobenzene	0.595	0.429	27.9	84	0.00
95	T	Naphthalene	1.756	1.260	28.2	76	0.00
96	T	n-Dodecane	1.368	1.046	23.5	74	0.00
97	T	Hexachloro-1,3-butadiene	0.380	0.301	20.8	92	0.00

10/10/07

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_10\10\
Data File : 10100704.D
Acq On : 10 Oct 2007 11:11
Operator : SC
Sample : 1ng TO-15 CRQL STD
Misc : S20-09270703/S20-09250710
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 10 11:40:12 2007
Quant Method : J:\MS08\METHODS\R8100507.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Sat Oct 06 12:55:19 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	96	-0.02
2	T	Propene	2.568	2.531	1.4	94	0.03
3	T	Dichlorodifluoromethane	3.671	3.755	-2.3	96	0.02
4	T	Chloromethane	4.144	4.890	-18.0	105	0.02
5	T	Freon 114	1.230	1.413	-14.9	109	0.01
6	T	Vinyl Chloride	3.119	3.840	-23.1	116	0.02
7	T	1,3-Butadiene	2.781	3.383	-21.6	118	0.01
8	T	Bromomethane	1.274	1.413	-10.9	103	0.00
9	T	Chloroethane	1.328	1.576	-18.7	108	0.00
10	T	Ethanol	2.044	2.135	-4.5	98	-0.02
11	T	Acetonitrile	4.528	4.455	1.6	99	-0.01
12	T	Acrolein	1.627	1.584	2.6	96	0.00
13	T	Acetone	2.053	2.862	-39.4#	105	0.00
14	T	Trichlorofluoromethane	2.808	2.803	0.2	94	0.00
15	T	Isopropanol	6.170	6.187	-0.3	93	-0.02
16	T	Acrylonitrile	3.524	3.577	-1.5	93	0.00
17	T	1,1-Dichloroethene	1.487	1.466	1.4	90	0.00
18	T	tert-Butanol	5.995	5.961	0.6	98	0.10
19	T	Methylene Chloride	1.581	1.624	-2.7	89	-0.02
20	T	Allyl Chloride	2.641	2.699	-2.2	98	0.00
21	T	Trichlorotrifluoroethane	1.008	1.050	-4.2	97	0.00
22	T	Carbon Disulfide	6.642	8.030	-20.9	105	0.00
23	T	trans-1,2-Dichloroethene	3.214	3.309	-3.0	96	-0.01
24	T	1,1-Dichloroethane	3.638	3.667	-0.8	92	-0.02
25	T	Methyl tert-Butyl Ether	4.573	4.464	2.4	92	0.00
26	T	Vinyl Acetate	0.275	0.245	10.9	92	-0.02
27	T	2-Butanone	1.005	1.020	-1.5	92	0.00
28	T	cis-1,2-Dichloroethene	2.945	2.985	-1.4	96	-0.02
29	T	Diisopropyl Ether	1.233	1.216	1.4	94	0.00
30	T	Ethyl Acetate	0.784	0.790	-0.8	93	0.00
31	T	n-Hexane	4.329	4.349	-0.5	94	0.00
32	T	Chloroform	2.389	2.406	-0.7	93	-0.02
33	S	1,2-Dichloroethane-d4(SS1)	2.405	2.419	-0.6	95	-0.01
34	T	Tetrahydrofuran	0.991	0.978	1.3	92	0.00
35	T	Ethyl tert-Butyl Ether	1.740	1.734	0.3	94	-0.01
36	T	1,2-Dichloroethane	2.769	2.821	-1.9	97	-0.02
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	93	-0.01
38	T	1,1,1-Trichloroethane	0.515	0.531	-3.1	94	0.00
39	T	Isopropyl Acetate	0.290	0.292	-0.7	93	0.00
40	T	1-Butanol	0.425	0.305	28.2	95	0.04
41	T	Benzene	1.269	1.273	-0.3	94	-0.01
42	T	Carbon Tetrachloride	0.422	0.413	2.1	92	-0.01
43	T	Cyclohexane	0.490	0.523	-6.7	95	-0.01
44	T	tert-Amyl Methyl Ether	0.881	0.885	-0.5	93	0.00
45	T	1,2-Dichloropropane	0.457	0.458	-0.2	92	0.00
46	T	Bromodichloromethane	0.424	0.422	0.5	96	-0.01
47	T	Trichloroethene	0.277	0.269	2.9	90	-0.02
48	T	1,4-Dioxane	0.221	0.222	-0.5	87	0.00
49	T	Isooctane	2.197	2.281	-3.8	95	0.00
50	T	Methyl Methacrylate	0.109	0.107	1.8	91	0.00
51	T	n-Heptane	0.317	0.323	-1.9	91	-0.02

10/10/07

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Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_10\10\
Data File : 10100704.D
Acq On : 10 Oct 2007 11:11
Operator : SC
Sample : 1ng TO-15 CRQL STD
Misc : S20-09270703/S20-09250710
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 10 11:40:12 2007
Quant Method : J:\MS08\METHODS\R8100507.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Sat Oct 06 12:55:19 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.520	0.526	-1.2	94	0.00
53	T	4-Methyl-2-pentanone	0.476	0.455	4.4	90	0.00
54	T	trans-1,3-Dichloropropene	0.478	0.466	2.5	92	0.00
55	T	1,1,2-Trichloroethane	0.302	0.313	-3.6	96	-0.01
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	94	0.00
57	S	Toluene-d8 (SS2)	2.206	2.192	0.6	94	0.00
58	T	Toluene	2.318	2.338	-0.9	95	-0.01
59	T	2-Hexanone	2.014	1.887	6.3	92	0.00
60	T	Dibromochloromethane	0.557	0.544	2.3	93	-0.01
61	T	1,2-Dibromoethane	0.575	0.570	0.9	94	0.00
62	T	Butyl Acetate	1.973	1.831	7.2	90	0.00
63	T	n-Octane	0.806	0.796	1.2	91	-0.01
64	T	Tetrachloroethene	0.533	0.512	3.9	94	0.00
65	T	Chlorobenzene	1.373	1.369	0.3	89	0.00
66	T	Ethylbenzene	2.658	2.660	-0.1	93	0.00
67	T	m- & p-Xylene	1.754	1.748	0.3	92	-0.01
68	T	Bromoform	0.348	0.333	4.3	93	0.00
69	T	Styrene	1.363	1.230	9.8	89	0.00
70	T	o-Xylene	1.879	1.916	-2.0	96	0.00
71	T	n-Nonane	1.731	1.806	-4.3	92	0.00
72	T	1,1,2,2-Tetrachloroethane	0.889	0.908	-2.1	95	0.00
73	S	Bromofluorobenzene (SS3)	0.632	0.639	-1.1	98	0.00
74	T	Cumene	2.272	2.203	3.0	92	0.00
75	T	alpha-Pinene	1.201	1.014	15.6	84	0.00
76	T	n-Propylbenzene	3.094	3.129	-1.1	92	0.00
77	T	3-Ethyltoluene	2.281	2.308	-1.2	94	0.00
78	T	4-Ethyltoluene	2.199	2.250	-2.3	94	0.00
79	T	1,3,5-Trimethylbenzene	1.884	1.883	0.1	90	0.00
80	T	alpha-Methylstyrene	0.795	0.451	43.3#	72	0.00
81	T	2-Ethyltoluene	2.286	2.357	-3.1	92	0.00
82	T	1,2,4-Trimethylbenzene	1.877	1.914	-2.0	91	0.00
83	T	n-Decane	1.795	1.904	-6.1	92	0.00
84	T	Benzyl Chloride	1.864	1.554	16.6	83	0.00
85	T	1,3-Dichlorobenzene	1.028	1.067	-3.8	96	0.00
86	T	1,4-Dichlorobenzene	0.972	1.020	-4.9	96	0.00
87	T	sec-Butylbenzene	2.510	2.546	-1.4	91	0.00
88	T	p-Isopropyltoluene	1.915	1.953	-2.0	92	0.00
89	T	1,2,3-Trimethylbenzene	1.810	1.836	-1.4	89	0.00
90	T	1,2-Dichlorobenzene	0.954	0.974	-2.1	95	0.00
91	T	d-Limonene	0.648	0.389	40.0#	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.305	0.273	10.5	87	0.00
93	T	n-Undecane	1.687	1.644	2.5	88	0.00
94		1,2,4-Trichlorobenzene	0.595	0.598	-0.5	88	0.00
95	T	Naphthalene	1.756	1.376	21.6	80	0.00
96	T	n-Dodecane	1.368	1.140	16.7	90	0.00
97	T	Hexachloro-1,3-butadiene	0.380	0.391	-2.9	91	0.00

10/10/07

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_10\10\
Data File : 10100709.D
Acq On : 10 Oct 2007 15:07
Operator : SC
Sample : 25ng TO-15 CCV (CLOSING)
Misc : S20-09270703/S20-10030704
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 10 15:37:43 2007
Quant Method : J:\MS08\METHODS\R8100507.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Sat Oct 06 12:55:19 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	91	0.00
2	T	Propene	2.568	2.443	4.9	93	0.01
3	T	Dichlorodifluoromethane	3.671	3.331	9.3	90	0.00
4	T	Chloromethane	4.144	4.580	-10.5	98	0.00
5	T	Freon 114	1.230	1.231	-0.1	101	0.01
6	T	Vinyl Chloride	3.119	3.493	-12.0	105	0.01
7	T	1,3-Butadiene	2.781	3.378	-21.5	108	0.01
8	T	Bromomethane	1.274	1.260	1.1	100	0.00
9	T	Chloroethane	1.328	1.423	-7.2	100	0.00
10	T	Ethanol	2.044	2.130	-4.2	102	0.01
11	T	Acetonitrile	4.528	4.852	-7.2	93	0.00
12	T	Acrolein	1.627	1.599	1.7	91	0.00
13	T	Acetone	2.053	1.959	4.6	92	0.00
14	T	Trichlorofluoromethane	2.808	2.486	11.5	88	0.00
15	T	Isopropanol	6.170	6.319	-2.4	91	0.01
16	T	Acrylonitrile	3.524	3.640	-3.3	92	0.01
17	T	1,1-Dichloroethene	1.487	1.342	9.8	89	0.00
18	T	tert-Butanol	5.995	5.774	3.7	90	0.01
19	T	Methylene Chloride	1.581	1.408	10.9	89	0.00
20	T	Allyl Chloride	2.641	2.748	-4.1	95	0.00
21	T	Trichlorotrifluoroethane	1.008	0.898	10.9	89	0.00
22	T	Carbon Disulfide	6.642	5.848	12.0	90	0.00
23	T	trans-1,2-Dichloroethene	3.214	3.043	5.3	90	0.00
24	T	1,1-Dichloroethane	3.638	3.365	7.5	91	0.00
25	T	Methyl tert-Butyl Ether	4.573	4.157	9.1	88	0.00
26	T	Vinyl Acetate	0.275	0.278	-1.1	89	0.01
27	T	2-Butanone	1.005	0.955	5.0	88	0.00
28	T	cis-1,2-Dichloroethene	2.945	2.810	4.6	90	0.00
29	T	Diisopropyl Ether	1.233	1.158	6.1	90	0.00
30	T	Ethyl Acetate	0.784	0.757	3.4	89	0.00
31	T	n-Hexane	4.329	4.078	5.8	90	0.00
32	T	Chloroform	2.389	2.153	9.9	89	0.00
33	S	1,2-Dichloroethane-d4(SS1)	2.405	2.476	-3.0	92	0.00
34	T	Tetrahydrofuran	0.991	0.931	6.1	88	0.00
35	T	Ethyl tert-Butyl Ether	1.740	1.670	4.0	91	0.00
36	T	1,2-Dichloroethane	2.769	2.633	4.9	91	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	91	0.00
38	T	1,1,1-Trichloroethane	0.515	0.465	9.7	89	0.00
39	T	Isopropyl Acetate	0.290	0.289	0.3	90	0.00
40	T	1-Butanol	0.425	0.521	-22.6	88	0.00
41	T	Benzene	1.269	1.138	10.3	89	0.00
42	T	Carbon Tetrachloride	0.422	0.383	9.2	88	0.00
43	T	Cyclohexane	0.490	0.443	9.6	89	0.00
44	T	tert-Amyl Methyl Ether	0.881	0.838	4.9	91	0.00
45	T	1,2-Dichloropropane	0.457	0.428	6.3	90	0.00
46	T	Bromodichloromethane	0.424	0.397	6.4	89	0.00
47	T	Trichloroethene	0.277	0.250	9.7	89	0.00
48	T	1,4-Dioxane	0.221	0.221	0.0	88	0.00
49	T	Isooctane	2.197	2.134	2.9	91	0.00
50	T	Methyl Methacrylate	0.109	0.106	2.8	89	0.00
51	T	n-Heptane	0.317	0.301	5.0	89	0.00

C 10/10/07

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Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_10\10\
Data File : 10100709.D
Acq On : 10 Oct 2007 15:07
Operator : SC
Sample : 25ng TO-15 CCV (CLOSING)
Misc : S20-09270703/S20-10030704
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 10 15:37:43 2007
Quant Method : J:\MS08\METHODS\R8100507.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Sat Oct 06 12:55:19 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.520	0.496	4.6	88	0.00
53	T	4-Methyl-2-pentanone	0.476	0.483	-1.5	91	0.00
54	T	trans-1,3-Dichloropropene	0.478	0.461	3.6	89	0.00
55	T	1,1,2-Trichloroethane	0.302	0.286	5.3	92	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	92	0.00
57	S	Toluene-d8 (SS2)	2.206	2.154	2.4	91	0.00
58	T	Toluene	2.318	2.050	11.6	89	0.00
59	T	2-Hexanone	2.014	2.100	-4.3	93	0.00
60	T	Dibromochloromethane	0.557	0.506	9.2	90	0.00
61	T	1,2-Dibromoethane	0.575	0.529	8.0	91	0.00
62	T	Butyl Acetate	1.973	2.209	-12.0	92	0.00
63	T	n-Octane	0.806	0.772	4.2	91	0.00
64	T	Tetrachloroethene	0.533	0.465	12.8	90	0.00
65	T	Chlorobenzene	1.373	1.214	11.6	89	0.00
66	T	Ethylbenzene	2.658	2.426	8.7	90	0.00
67	T	m- & p-Xylene	1.754	1.590	9.4	90	0.00
68	T	Bromoform	0.348	0.330	5.2	91	0.00
69	T	Styrene	1.363	1.313	3.7	90	0.00
70	T	o-Xylene	1.879	1.710	9.0	91	0.00
71	T	n-Nonane	1.731	1.769	-2.2	96	0.00
72	T	1,1,2,2-Tetrachloroethane	0.889	0.820	7.8	90	0.00
73	S	Bromofluorobenzene (SS3)	0.632	0.647	-2.4	94	0.00
74	T	Cumene	2.272	2.057	9.5	90	0.00
75	T	alpha-Pinene	1.201	1.223	-1.8	93	0.00
76	T	n-Propylbenzene	3.094	2.929	5.3	92	0.00
77	T	3-Ethyltoluene	2.281	2.183	4.3	92	0.00
78	T	4-Ethyltoluene	2.199	2.016	8.3	92	0.00
79	T	1,3,5-Trimethylbenzene	1.884	1.734	8.0	93	0.00
80	T	alpha-Methylstyrene	0.795	0.952	-19.7	93	0.00
81	T	2-Ethyltoluene	2.286	2.167	5.2	93	0.00
82	T	1,2,4-Trimethylbenzene	1.877	1.717	8.5	94	0.00
83	T	n-Decane	1.795	1.582	11.9	87	0.00
84	T	Benzyl Chloride	1.864	1.863	0.1	90	0.00
85	T	1,3-Dichlorobenzene	1.028	0.938	8.8	93	0.00
86	T	1,4-Dichlorobenzene	0.972	0.913	6.1	94	0.00
87	T	sec-Butylbenzene	2.510	2.364	5.8	94	0.00
88	T	p-Isopropyltoluene	1.915	1.817	5.1	93	0.00
89	T	1,2,3-Trimethylbenzene	1.810	1.662	8.2	92	0.00
90	T	1,2-Dichlorobenzene	0.954	0.862	9.6	94	0.00
91	T	d-Limonene	0.648	0.779	-20.2	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.305	0.310	-1.6	94	0.00
93	T	n-Undecane	1.687	1.263	25.1	68	0.00
94		1,2,4-Trichlorobenzene	0.595	0.421	29.2	71	0.00
95	T	Naphthalene	1.756	1.219	30.6#	63	0.00
96	T	n-Dodecane	1.368	1.032	24.6	63	0.00
97	T	Hexachloro-1,3-butadiene	0.380	0.289	23.9	76	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_10\15\
Data File : 10150701.D
Acq On : 15 Oct 2007 8:33
Operator : SC
Sample : 25ng TO-15 CCV STD
Misc : S20-09270703/S20-10030704
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 15 09:09:17 2007
Quant Method : J:\MS08\METHODS\R8100507.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Sat Oct 06 12:55:19 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	104	0.00
2	T	Propene	2.568	2.885	-12.3	125	0.00
3	T	Dichlorodifluoromethane	3.671	3.664	0.2	113	0.00
4	T	Chloromethane	4.144	5.311	-28.2	129	0.00
5	T	Freon 114	1.230	1.345	-9.3	125	0.00
6	T	Vinyl Chloride	3.119	3.867	-24.0	132	0.00
7	T	1,3-Butadiene	2.781	3.885	-39.7#	141	0.00
8	T	Bromomethane	1.274	1.338	-5.0	120	0.00
9	T	Chloroethane	1.328	1.535	-15.6	122	0.00
10	T	Ethanol	2.044	2.468	-20.7	134	0.00
11	T	Acetonitrile	4.528	5.735	-26.7	124	0.00
12	T	Acrolein	1.627	1.754	-7.8	113	0.00
13	T	Acetone	2.053	2.220	-8.1	118	0.00
14	T	Trichlorofluoromethane	2.808	2.669	5.0	107	0.00
15	T	Isopropanol	6.170	7.409	-20.1	122	0.00
16	T	Acrylonitrile	3.524	4.083	-15.9	117	0.00
17	T	1,1-Dichloroethene	1.487	1.432	3.7	108	0.00
18	T	tert-Butanol	5.995	6.424	-7.2	113	0.00
19	T	Methylene Chloride	1.581	1.512	4.4	108	0.00
20	T	Allyl Chloride	2.641	3.241	-22.7	127	0.00
21	T	Trichlorotrifluoroethane	1.008	0.966	4.2	108	0.00
22	T	Carbon Disulfide	6.642	6.379	4.0	111	0.00
23	T	trans-1,2-Dichloroethene	3.214	3.221	-0.2	108	0.00
24	T	1,1-Dichloroethane	3.638	3.610	0.8	110	0.00
25	T	Methyl tert-Butyl Ether	4.573	4.442	2.9	107	0.00
26	T	Vinyl Acetate	0.275	0.329	-19.6	120	0.00
27	T	2-Butanone	1.005	1.021	-1.6	107	0.00
28	T	cis-1,2-Dichloroethene	2.945	3.000	-1.9	109	0.00
29	T	Diisopropyl Ether	1.233	1.197	2.9	105	0.00
30	T	Ethyl Acetate	0.784	0.811	-3.4	108	0.00
31	T	n-Hexane	4.329	4.399	-1.6	110	0.00
32	T	Chloroform	2.389	2.298	3.8	108	0.00
33	S	1,2-Dichloroethane-d4(SS1)	2.405	2.504	-4.1	105	0.00
34	T	Tetrahydrofuran	0.991	0.997	-0.6	106	0.00
35	T	Ethyl tert-Butyl Ether	1.740	1.732	0.5	107	0.00
36	T	1,2-Dichloroethane	2.769	2.841	-2.6	111	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	103	0.00
38	T	1,1,1-Trichloroethane	0.515	0.498	3.3	108	0.00
39	T	Isopropyl Acetate	0.290	0.308	-6.2	108	0.00
40	T	1-Butanol	0.425	0.571	-34.4#	110	0.00
41	T	Benzene	1.269	1.205	5.0	106	0.00
42	T	Carbon Tetrachloride	0.422	0.413	2.1	108	0.00
43	T	Cyclohexane	0.490	0.462	5.7	104	0.00
44	T	tert-Amyl Methyl Ether	0.881	0.879	0.2	107	0.00
45	T	1,2-Dichloropropane	0.457	0.458	-0.2	109	0.00
46	T	Bromodichloromethane	0.424	0.425	-0.2	108	0.00
47	T	Trichloroethene	0.277	0.267	3.6	107	0.00
48	T	1,4-Dioxane	0.221	0.234	-5.9	106	0.00
49	T	Isooctane	2.197	2.294	-4.4	110	0.00
50	T	Methyl Methacrylate	0.109	0.112	-2.8	106	0.00
51	T	n-Heptane	0.317	0.318	-0.3	106	0.00

10/15/07

Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_10\15\
Data File : 10150701.D
Acq On : 15 Oct 2007 8:33
Operator : SC
Sample : 25ng TO-15 CCV STD
Misc : S20-09270703/S20-10030704
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 15 09:09:17 2007
Quant Method : J:\MS08\METHODS\R8100507.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Sat Oct 06 12:55:19 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.520	0.527	-1.3	106	0.00
53	T	4-Methyl-2-pentanone	0.476	0.531	-11.6	113	0.00
54	T	trans-1,3-Dichloropropene	0.478	0.488	-2.1	106	0.00
55	T	1,1,2-Trichloroethane	0.302	0.302	0.0	109	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	106	0.00
57	S	Toluene-d8 (SS2)	2.206	2.102	4.7	101	0.00
58	T	Toluene	2.318	2.156	7.0	108	0.00
59	T	2-Hexanone	2.014	2.367	-17.5	120	0.00
60	T	Dibromochloromethane	0.557	0.534	4.1	109	0.00
61	T	1,2-Dibromoethane	0.575	0.558	3.0	110	0.00
62	T	Butyl Acetate	1.973	2.493	-26.4	119	0.00
63	T	n-Octane	0.806	0.821	-1.9	111	0.00
64	T	Tetrachloroethene	0.533	0.485	9.0	107	0.00
65	T	Chlorobenzene	1.373	1.268	7.6	106	0.00
66	T	Ethylbenzene	2.658	2.549	4.1	108	0.00
67	T	m- & p-Xylene	1.754	1.665	5.1	108	0.00
68	T	Bromoform	0.348	0.350	-0.6	110	0.00
69	T	Styrene	1.363	1.370	-0.5	108	0.00
70	T	o-Xylene	1.879	1.812	3.6	110	0.00
71	T	n-Nonane	1.731	1.976	-14.2	123	0.00
72	T	1,1,2,2-Tetrachloroethane	0.889	0.879	1.1	110	0.00
73	S	Bromofluorobenzene (SS3)	0.632	0.677	-7.1	113	0.00
74	T	Cumene	2.272	2.145	5.6	108	0.00
75	T	alpha-Pinene	1.201	1.260	-4.9	110	0.00
76	T	n-Propylbenzene	3.094	3.127	-1.1	112	0.00
77	T	3-Ethyltoluene	2.281	2.287	-0.3	110	0.00
78	T	4-Ethyltoluene	2.199	2.135	2.9	111	0.00
79	T	1,3,5-Trimethylbenzene	1.884	1.849	1.9	113	0.00
80	T	alpha-Methylstyrene	0.795	0.994	-25.0	112	0.00
81	T	2-Ethyltoluene	2.286	2.310	-1.0	114	0.00
82	T	1,2,4-Trimethylbenzene	1.877	1.850	1.4	116	0.00
83	T	n-Decane	1.795	1.788	0.4	113	0.00
84	T	Benzyl Chloride	1.864	2.064	-10.7	114	0.00
85	T	1,3-Dichlorobenzene	1.028	1.002	2.5	114	0.00
86	T	1,4-Dichlorobenzene	0.972	0.983	-1.1	115	0.00
87	T	sec-Butylbenzene	2.510	2.533	-0.9	115	0.00
88	T	p-Isopropyltoluene	1.915	1.987	-3.8	116	0.00
89	T	1,2,3-Trimethylbenzene	1.810	1.827	-0.9	116	0.00
90	T	1,2-Dichlorobenzene	0.954	0.939	1.6	117	0.00
91	T	d-Limonene	0.648	0.859	-32.6#	114	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.305	0.350	-14.8	122	0.00
93	T	n-Undecane	1.687	1.181	30.0	73	0.00
94		1,2,4-Trichlorobenzene	0.595	0.430	27.7	83	0.00
95	T	Naphthalene	1.756	1.171	33.3#	69	0.00
96	T	n-Dodecane	1.368	0.899	34.3#	63	0.00
97	T	Hexachloro-1,3-butadiene	0.380	0.312	17.9	95	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_10\15\
Data File : 10150703.D
Acq On : 15 Oct 2007 10:27
Operator : SC
Sample : 1ng TO-15 CRQL STD
Misc : S20-09270703/S20-09250710
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 15 10:58:34 2007
Quant Method : J:\MS08\METHODS\R8100507.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Sat Oct 06 12:55:19 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	94	-0.02
2	T	Propene	2.568	3.108	-21.0	115	0.03
3	T	Dichlorodifluoromethane	3.671	4.021	-9.5	102	0.02
4	T	Chloromethane	4.144	5.788	-39.7#	123	0.02
5	T	Freon 114	1.230	1.495	-21.5	114	0.02
6	T	Vinyl Chloride	3.119	4.131	-32.4#	123	0.02
7	T	1,3-Butadiene	2.781	3.911	-40.6#	134	0.01
8	T	Bromomethane	1.274	1.503	-18.0	109	0.00
9	T	Chloroethane	1.328	1.679	-26.4	113	0.00
10	T	Ethanol	2.044	2.354	-15.2	106	-0.03
11	T	Acetonitrile	4.528	5.378	-18.8	118	0.00
12	T	Acrolein	1.627	1.617	0.6	97	0.00
13	T	Acetone	2.053	3.572	-74.0#	130	0.00
14	T	Trichlorofluoromethane	2.808	2.923	-4.1	97	0.00
15	T	Isopropanol	6.170	7.046	-14.2	104	-0.02
16	T	Acrylonitrile	3.524	4.070	-15.5	105	-0.01
17	T	1,1-Dichloroethene	1.487	1.599	-7.5	97	0.00
18	T	tert-Butanol	5.995	6.337	-5.7	103	0.01
19	T	Methylene Chloride	1.581	1.670	-5.6	91	-0.02
20	T	Allyl Chloride	2.641	3.076	-16.5	110	-0.01
21	T	Trichlorotrifluoroethane	1.008	1.060	-5.2	97	0.00
22	T	Carbon Disulfide	6.642	10.056	-51.4#	130	0.00
23	T	trans-1,2-Dichloroethene	3.214	3.497	-8.8	100	-0.02
24	T	1,1-Dichloroethane	3.638	4.151	-14.1	103	-0.03
25	T	Methyl tert-Butyl Ether	4.573	4.561	0.3	92	-0.01
26	T	Vinyl Acetate	0.275	0.282	-2.5	104	-0.01
27	T	2-Butanone	1.005	1.060	-5.5	95	0.00
28	T	cis-1,2-Dichloroethene	2.945	3.141	-6.7	99	-0.02
29	T	Diisopropyl Ether	1.233	1.149	6.8	87	-0.01
30	T	Ethyl Acetate	0.784	0.897	-14.4	104	-0.02
31	T	n-Hexane	4.329	4.596	-6.2	98	-0.01
32	T	Chloroform	2.389	2.456	-2.8	93	-0.03
33	S	1,2-Dichloroethane-d4(SS1)	2.405	2.487	-3.4	97	-0.02
34	T	Tetrahydrofuran	0.991	1.018	-2.7	94	0.00
35	T	Ethyl tert-Butyl Ether	1.740	1.703	2.1	91	0.00
36	T	1,2-Dichloroethane	2.769	3.166	-14.3	107	-0.02
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	91	-0.01
38	T	1,1,1-Trichloroethane	0.515	0.566	-9.9	98	-0.02
39	T	Isopropyl Acetate	0.290	0.300	-3.4	93	0.00
40	T	1-Butanol	0.425	0.319	24.9	97	0.01
41	T	Benzene	1.269	1.365	-7.6	98	-0.02
42	T	Carbon Tetrachloride	0.422	0.429	-1.7	94	-0.01
43	T	Cyclohexane	0.490	0.534	-9.0	95	-0.02
44	T	tert-Amyl Methyl Ether	0.881	0.878	0.3	91	-0.01
45	T	1,2-Dichloropropane	0.457	0.522	-14.2	102	-0.01
46	T	Bromodichloromethane	0.424	0.442	-4.2	98	-0.01
47	T	Trichloroethene	0.277	0.277	0.0	90	-0.01
48	T	1,4-Dioxane	0.221	0.225	-1.8	86	0.01
49	T	Isooctane	2.197	2.440	-11.1	100	-0.01
50	T	Methyl Methacrylate	0.109	0.100	8.3	83	-0.02
51	T	n-Heptane	0.317	0.343	-8.2	95	-0.02

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Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_10\15\
Data File : 10150703.D
Acq On : 15 Oct 2007 10:27
Operator : SC
Sample : 1ng TO-15 CRQL STD
Misc : S20-09270703/S20-09250710
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 15 10:58:34 2007
Quant Method : J:\MS08\METHODS\R8100507.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Sat Oct 06 12:55:19 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.520	0.553	-6.3	97	0.00
53	T	4-Methyl-2-pentanone	0.476	0.502	-5.5	97	0.00
54	T	trans-1,3-Dichloropropene	0.478	0.492	-2.9	95	0.00
55	T	1,1,2-Trichloroethane	0.302	0.324	-7.3	97	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	93	-0.01
57	S	Toluene-d8 (SS2)	2.206	2.171	1.6	91	-0.01
58	T	Toluene	2.318	2.445	-5.5	97	-0.01
59	T	2-Hexanone	2.014	2.145	-6.5	103	0.00
60	T	Dibromochloromethane	0.557	0.577	-3.6	97	-0.01
61	T	1,2-Dibromoethane	0.575	0.584	-1.6	94	0.00
62	T	Butyl Acetate	1.973	2.032	-3.0	98	0.00
63	T	n-Octane	0.806	0.873	-8.3	98	0.00
64	T	Tetrachloroethene	0.533	0.547	-2.6	98	0.00
65	T	Chlorobenzene	1.373	1.444	-5.2	92	0.00
66	T	Ethylbenzene	2.658	2.688	-1.1	93	0.00
67	T	m- & p-Xylene	1.754	1.777	-1.3	92	-0.01
68	T	Bromoform	0.348	0.357	-2.6	98	-0.01
69	T	Styrene	1.363	1.136	16.7	81	0.00
70	T	o-Xylene	1.879	1.913	-1.8	94	0.00
71	T	n-Nonane	1.731	2.032	-17.4	102	0.00
72	T	1,1,2,2-Tetrachloroethane	0.889	0.960	-8.0	98	0.00
73	S	Bromofluorobenzene (SS3)	0.632	0.649	-2.7	97	0.00
74	T	Cumene	2.272	2.197	3.3	90	0.00
75	T	alpha-Pinene	1.201	0.963	19.8	78	0.00
76	T	n-Propylbenzene	3.094	3.209	-3.7	93	0.00
77	T	3-Ethyltoluene	2.281	2.331	-2.2	94	0.00
78	T	4-Ethyltoluene	2.199	2.244	-2.0	92	0.00
79	T	1,3,5-Trimethylbenzene	1.884	1.928	-2.3	91	0.00
80	T	alpha-Methylstyrene	0.795	0.358	55.0#	56	0.00
81	T	2-Ethyltoluene	2.286	2.400	-5.0	92	0.00
82	T	1,2,4-Trimethylbenzene	1.877	1.911	-1.8	90	0.00
83	T	n-Decane	1.795	2.045	-13.9	97	0.00
84	T	Benzyl Chloride	1.864	1.804	3.2	95	0.00
85	T	1,3-Dichlorobenzene	1.028	1.092	-6.2	97	0.00
86	T	1,4-Dichlorobenzene	0.972	1.021	-5.0	94	0.00
87	T	sec-Butylbenzene	2.510	2.613	-4.1	92	0.00
88	T	p-Isopropyltoluene	1.915	1.997	-4.3	93	0.00
89	T	1,2,3-Trimethylbenzene	1.810	1.917	-5.9	92	0.00
90	T	1,2-Dichlorobenzene	0.954	1.003	-5.1	96	0.00
91	T	d-Limonene	0.648	0.251	61.3#	47#	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.305	0.294	3.6	92	0.00
93	T	n-Undecane	1.687	1.893	-12.2	99	0.00
94		1,2,4-Trichlorobenzene	0.595	0.630	-5.9	91	0.00
95	T	Naphthalene	1.756	1.724	1.8	99	0.00
96	T	n-Dodecane	1.368	1.389	-1.5	107	0.00
97	T	Hexachloro-1,3-butadiene	0.380	0.411	-8.2	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

10/15/07

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Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_10\15\
Data File : 10150709.D
Acq On : 15 Oct 2007 14:41
Operator : SC
Sample : 25ng TO-15 CCV (CLOSING)
Misc : S20-09270703/S20-10030704
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 15 15:07:20 2007
Quant Method : J:\MS08\METHODS\R8100507.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Sat Oct 06 12:55:19 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	IR	Bromochloromethane (IS1)	1.000	1.000	0.0	93	0.01
2	T	Propene	2.568	2.852	-11.1	111	0.01
3	T	Dichlorodifluoromethane	3.671	3.634	1.0	101	0.01
4	T	Chloromethane	4.144	5.310	-28.1	116	0.01
5	T	Freon 114	1.230	1.322	-7.5	111	0.01
6	T	Vinyl Chloride	3.119	3.932	-26.1	121	0.01
7	T	1,3-Butadiene	2.781	3.789	-36.2#	124	0.01
8	T	Bromomethane	1.274	1.327	-4.2	108	0.01
9	T	Chloroethane	1.328	1.542	-16.1	111	0.01
10	T	Ethanol	2.044	2.349	-14.9	115	0.01
11	T	Acetonitrile	4.528	5.536	-22.3	108	0.00
12	T	Acrolein	1.627	1.771	-8.9	103	0.00
13	T	Acetone	2.053	2.190	-6.7	105	0.01
14	T	Trichlorofluoromethane	2.808	2.690	4.2	98	0.00
15	T	Isopropanol	6.170	7.231	-17.2	107	0.01
16	T	Acrylonitrile	3.524	4.090	-16.1	105	0.01
17	T	1,1-Dichloroethene	1.487	1.437	3.4	98	0.01
18	T	tert-Butanol	5.995	6.417	-7.0	102	0.01
19	T	Methylene Chloride	1.581	1.534	3.0	99	0.00
20	T	Allyl Chloride	2.641	3.093	-17.1	109	0.00
21	T	Trichlorotrifluoroethane	1.008	0.958	5.0	97	0.01
22	T	Carbon Disulfide	6.642	6.399	3.7	100	0.00
23	T	trans-1,2-Dichloroethene	3.214	3.337	-3.8	101	0.00
24	T	1,1-Dichloroethane	3.638	3.690	-1.4	102	0.00
25	T	Methyl tert-Butyl Ether	4.573	4.494	1.7	98	0.00
26	T	Vinyl Acetate	0.275	0.321	-16.7	105	0.00
27	T	2-Butanone	1.005	1.031	-2.6	97	0.00
28	T	cis-1,2-Dichloroethene	2.945	3.096	-5.1	102	0.00
29	T	Diisopropyl Ether	1.233	1.236	-0.2	98	0.00
30	T	Ethyl Acetate	0.784	0.825	-5.2	99	0.00
31	T	n-Hexane	4.329	4.573	-5.6	104	0.00
32	T	Chloroform	2.389	2.320	2.9	99	0.00
33	S	1,2-Dichloroethane-d4(SS1)	2.405	2.529	-5.2	96	0.00
34	T	Tetrahydrofuran	0.991	1.020	-2.9	98	0.00
35	T	Ethyl tert-Butyl Ether	1.740	1.775	-2.0	99	0.00
36	T	1,2-Dichloroethane	2.769	2.920	-5.5	103	0.00
37	IR	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	92	0.00
38	T	1,1,1-Trichloroethane	0.515	0.505	1.9	98	0.00
39	T	Isopropyl Acetate	0.290	0.322	-11.0	102	0.00
40	T	1-Butanol	0.425	0.586	-37.9#	101	0.00
41	T	Benzene	1.269	1.252	1.3	99	0.00
42	T	Carbon Tetrachloride	0.422	0.422	0.0	99	0.00
43	T	Cyclohexane	0.490	0.484	1.2	98	0.00
44	T	tert-Amyl Methyl Ether	0.881	0.905	-2.7	99	0.00
45	T	1,2-Dichloropropane	0.457	0.475	-3.9	101	0.00
46	T	Bromodichloromethane	0.424	0.442	-4.2	100	0.00
47	T	Trichloroethene	0.277	0.271	2.2	98	0.00
48	T	1,4-Dioxane	0.221	0.241	-9.0	98	0.00
49	T	Isooctane	2.197	2.405	-9.5	104	0.00
50	T	Methyl Methacrylate	0.109	0.114	-4.6	97	0.00
51	T	n-Heptane	0.317	0.330	-4.1	99	0.00

10/15/07

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Evaluate Continuing Calibration Report

Data Path : J:\MS08\Data\2007_10\15\
Data File : 10150709.D
Acq On : 15 Oct 2007 14:41
Operator : SC
Sample : 25ng TO-15 CCV (CLOSING)
Misc : S20-09270703/S20-10030704
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 15 15:07:20 2007
Quant Method : J:\MS08\METHODS\R8100507.M
Quant Title : TO-15 Tekmar AutoCan/HP 6890/HP 5973 MSD
QLast Update : Sat Oct 06 12:55:19 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
52	T	cis-1,3-Dichloropropene	0.520	0.549	-5.6	100	0.00
53	T	4-Methyl-2-pentanone	0.476	0.542	-13.9	103	0.00
54	T	trans-1,3-Dichloropropene	0.478	0.512	-7.1	100	0.00
55	T	1,1,2-Trichloroethane	0.302	0.312	-3.3	102	0.00
56	I	Chlorobenzene-d5 (IS3)	1.000	1.000	0.0	95	0.00
57	S	Toluene-d8 (SS2)	2.206	2.153	2.4	93	0.00
58	T	Toluene	2.318	2.243	3.2	100	0.00
59	T	2-Hexanone	2.014	2.431	-20.7	110	0.00
60	T	Dibromochloromethane	0.557	0.554	0.5	101	0.00
61	T	1,2-Dibromoethane	0.575	0.573	0.3	101	0.00
62	T	Butyl Acetate	1.973	2.572	-30.4#	110	0.00
63	T	n-Octane	0.806	0.870	-7.9	106	0.00
64	T	Tetrachloroethene	0.533	0.505	5.3	100	0.00
65	T	Chlorobenzene	1.373	1.330	3.1	100	0.00
66	T	Ethylbenzene	2.658	2.659	-0.0	101	0.00
67	T	m- & p-Xylene	1.754	1.745	0.5	102	0.00
68	T	Bromoform	0.348	0.364	-4.6	103	0.00
69	T	Styrene	1.363	1.442	-5.8	101	0.00
70	T	o-Xylene	1.879	1.901	-1.2	104	0.00
71	T	n-Nonane	1.731	2.068	-19.5	115	0.00
72	T	1,1,2,2-Tetrachloroethane	0.889	0.926	-4.2	104	0.00
73	S	Bromofluorobenzene (SS3)	0.632	0.661	-4.6	99	0.00
74	T	Cumene	2.272	2.292	-0.9	103	0.00
75	T	alpha-Pinene	1.201	1.308	-8.9	102	0.00
76	T	n-Propylbenzene	3.094	3.297	-6.6	106	0.00
77	T	3-Ethyltoluene	2.281	2.417	-6.0	105	0.00
78	T	4-Ethyltoluene	2.199	2.264	-3.0	106	0.00
79	T	1,3,5-Trimethylbenzene	1.884	1.968	-4.5	108	0.00
80	T	alpha-Methylstyrene	0.795	1.048	-31.8#	106	0.00
81	T	2-Ethyltoluene	2.286	2.434	-6.5	108	0.00
82	T	1,2,4-Trimethylbenzene	1.877	1.956	-4.2	110	0.00
83	T	n-Decane	1.795	1.903	-6.0	108	0.00
84	T	Benzyl Chloride	1.864	2.062	-10.6	102	0.00
85	T	1,3-Dichlorobenzene	1.028	1.053	-2.4	108	0.00
86	T	1,4-Dichlorobenzene	0.972	1.024	-5.3	108	0.00
87	T	sec-Butylbenzene	2.510	2.688	-7.1	109	0.00
88	T	p-Isopropyltoluene	1.915	2.094	-9.3	110	0.00
89	T	1,2,3-Trimethylbenzene	1.810	1.927	-6.5	109	0.00
90	T	1,2-Dichlorobenzene	0.954	0.991	-3.9	111	0.00
91	T	d-Limonene	0.648	0.905	-39.7#	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.305	0.361	-18.4	113	0.00
93	T	n-Undecane	1.687	1.212	28.2	67	0.00
94		1,2,4-Trichlorobenzene	0.595	0.440	26.1	76	0.00
95	T	Naphthalene	1.756	1.133	35.5#	60	0.00
96	T	n-Dodecane	1.368	0.839	38.7#	53	0.00
97	T	Hexachloro-1,3-butadiene	0.380	0.320	15.8	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

E 10/15/07

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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Project ID: WDI

CAS Project ID: P2703044

Internal Standard Area and RT Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13
Analyst: Chris Parnell
Sampling Media: Summa Canister(s)
Test Notes:

Lab File ID: 10060701.D
Date Analyzed: 10/06/07
Time Analyzed: 11:38

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	24 Hour Standard	348743	12.60	1640045	15.53	736642	21.36
	Upper Limit	488240	12.93	2296063	15.86	1031299	21.69
	Lower Limit	209246	12.27	984027	15.20	441985	21.03
	Client Sample ID						
01	Method Blank	331028	12.58	1675700	15.52	736466	21.36
02	Lab Control Sample	336941	12.60	1666321	15.53	736323	21.36
03	Duplicate Lab Control Sample	342293	12.60	1653432	15.53	723450	21.36
04	WDI-VW29-I-9-27-07	336026	12.59	1645932	15.52	721668	21.36
05	WDI-VW29-I-9-27-07 (Lab Duplicate)	343954	12.59	1658542	15.52	720867	21.36
06	WDI-VW29-S-9-27-07	343144	12.59	1646224	15.52	733833	21.35
07	WDI-VW29-D-9-27-07	334667	12.59	1625306	15.52	716539	21.36
08	WDI-VW61-S-9-27-07	325478	12.60	1639138	15.53	728567	21.36
09	WDI-VW61-I-9-27-07	338267	12.59	1661807	15.52	739402	21.36
10	WDI-VW61-D-9-27-07	340771	12.59	1651964	15.52	741096	21.36
11	WDI-VW61-DAC-9-27-07	338328	12.59	1675021	15.52	735352	21.36
12	WDI-VW25-9-27-07	344071	12.60	1640661	15.53	760985	21.36
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Verified by: KWH Date: 11/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Project ID: **WDI**

CAS Project ID: P2703044

Internal Standard Area and RT Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13
Analyst: Chris Parnell
Sampling Media: Summa Canister(s)
Test Notes:

Lab File ID: 10070701.D
Date Analyzed: 10/7/07
Time Analyzed: 07:47

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	24 Hour Standard	346611	12.60	1643136	15.53	728460	21.36
	Upper Limit	485255	12.93	2300390	15.86	1019844	21.69
	Lower Limit	207967	12.27	985882	15.20	437076	21.03
	Client Sample ID						
01	Method Blank	330641	12.58	1643711	15.51	720172	21.36
02	Lab Control Sample	341925	12.60	1637630	15.53	729858	21.36
03	Duplicate Lab Control Sample	334939	12.59	1617132	15.53	716214	21.36
04	WDI-VW25-9-27-07 (Dilution)	334055	12.60	1572183	15.52	720901	21.36
05	WDI-VW46-S-9-27-07	312288	12.60	1592854	15.53	708366	21.36
06	WDI-VW46-I-9-27-07	338185	12.58	1537520	15.52	721772	21.35
07	WDI-VW46-I-9-27-07 (Lab Duplicate)	332905	12.58	1561836	15.52	721127	21.36
08	WDI-VW-BLANKS-9-27-07	338922	12.58	1617588	15.51	718386	21.35
09	WDI-VW-BLANKS-9-27-07	325854	12.58	1593373	15.51	702596	21.36
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* Values outside of QC limits.

Verified by: KWH Date: 11/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Project ID: **WDI**

CAS Project ID: P2703044

Internal Standard Area and RT Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5975Binert/6890N/MS13
Analyst: Chris Parnell
Sampling Media: Summa Canister(s)
Test Notes:

Lab File ID: 10080701.D
Date Analyzed: 10/8/07
Time Analyzed: 07:44

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	24 Hour Standard	331819	12.59	1615730	15.52	701822	21.36
	Upper Limit	464547	12.92	2262022	15.85	982551	21.69
	Lower Limit	199091	12.26	969438	15.19	421093	21.03
	Client Sample ID						
01	Method Blank	331239	12.58	1618264	15.51	700048	21.36
02	Lab Control Sample	335764	12.59	1611361	15.53	700691	21.36
03	Duplicate Lab Control Sample	332200	12.60	1615727	15.53	707667	21.36
04	WDI-VW46-S-9-27-07 (Dilution)	338075	12.58	1590863	15.51	717664	21.35
05	WDI-VW-BLANKS-9-27-07	323292	12.59	1539423	15.53	713510	21.36
06	WDI-VW-BLANKS-9-27-07 (Lab Duplicate)	325752	12.59	1544046	15.53	734083	21.36
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IS1 (BCM) = Bromochloromethane
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IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Verified by: KWH Date: 11/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: TRC
Client Project ID: WDI

CAS Project ID: P2703044

Internal Standard Area and RT Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister(s)
Test Notes:

Lab File ID: 10100702.D
Date Analyzed: 10/10/07
Time Analyzed: 09:33

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	24 Hour Standard	329035	9.06	1548794	10.99	869744	15.81
	Upper Limit	460649	9.39	2168312	11.32	1217642	16.14
	Lower Limit	197421	8.73	929276	10.66	521846	15.48
	Client Sample ID						
01	Method Blank	325964	9.04	1526044	10.98	841798	15.81
02	Lab Control Sample	291863	9.06	1396363	11.00	788295	15.82
03	Duplicate Lab Control Sample	314696	9.06	1486309	10.99	825918	15.81
04	WDI-VW-BLANKS-9-27-07	332170	9.04	1569429	10.98	857496	15.81
05	WDI-VW-BLANKS-9-27-07 (Lab Duplicate)	301025	9.04	1439385	10.98	796109	15.81
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IS1 (BCM) = Bromochloromethane
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IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
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RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Verified by: RLH Date: 11/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **TRC**
Client Project ID: **WDI**

CAS Project ID: P2703044

Internal Standard Area and RT Summary

Test Code: EPA TO-15 Modified
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Simon Cao
Sampling Media: Summa Canister(s)
Test Notes:

Lab File ID: 10150701.D
Date Analyzed: 10/15/07
Time Analyzed: 08:33

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	24 Hour Standard	307951	9.06	1479825	10.99	857685	15.81
	Upper Limit	431131	9.39	2071755	11.32	1200759	16.14
	Lower Limit	184771	8.73	887895	10.66	514611	15.48
	Client Sample ID						
01	Method Blank	324783	9.04	1517289	10.98	844906	15.81
02	Lab Control Sample	286143	9.06	1366278	11.00	790450	15.81
03	Duplicate Lab Control Sample	332474	9.06	1570629	11.00	893197	15.81
04	WDI-VW46-I-9-27-07 (Dilution)	314657	9.04	1485833	10.98	825087	15.81
05	WDI-VW46-I-9-27-07 (Duplicate Dilution)	291124	9.04	1368612	10.98	758184	15.81
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IS1 (BCM) = Bromochloromethane
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IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area
AREA LOWER LIMIT = 60% of internal standard area
RT UPPER LIMIT = 0.33 minutes of internal standard RT
RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Verified by: KLH Date: 11/12/07

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
21	9/22/07 3:06	09210721.D	Blank (100ml)	System Check	CH	1	
22	9/22/07 3:50	09210722.D	New 1.0L Can SPS (400ml)	Cleaned and Filled 9/20/07	CH	13	
23	9/22/07 4:36	09210723.D	Can #1 (1000ml)	Sonicated Valve	CH	14	
24	9/22/07 5:23	09210724.D	Can #2 (1000ml)	New Valve	CH	15	
1	9/24/07 9:24	09240701.D	5ng TO-15 CCV STD	S15-09100703/S15-08240714	CH	1	Pass for 43+
2	9/24/07 10:19	09240702.D	0.5ng TO-15 RL Check	S15-09100703/S15-08240714	CH	1	Not Used
3	9/24/07 11:02	09240703.D	25ng TO-15 MAPH CCV STD	S15-09100703/S15-08290702	CH	3	Pass
4	9/24/07 12:20	09240704.D	CAS QC5 9/17/07 (1000ml)	AC00786	CH	5	Pass for TO-15/MAPH
5	9/24/07 13:12	09240705.D	25ng TO-15 LCS	S15-09100703/S15-08230705	CH	2	Pass
6	9/24/07 14:12	09240706.D	25ng TO-15 MAPH LCS	S15-09100703/S15-08290704	CH	4	Pass
7	9/24/07 15:12	09240707.D	P2702912-001 (100ml)	[redacted]	CH	6	Line File; Analyzed @ higher vol.
8	9/24/07 16:02	09240708.D	P2702912-001 (1000ml)	[redacted]	CH	6	
9	9/24/07 16:56	09240709.D	P2702912-001 Dup (1000ml)	[redacted]	CH	6	Pass as Dup
10	9/24/07 18:00	09240710.D	Blank (100ml)	System Check	CH	1	
1	9/25/07 9:30	09250701.D	5ng TO-15 CCV STD	S15-09100703/S15-08240714	CH	1	Pass for 43+
2	9/25/07 10:47	09250702.D	0.5ng TO-15 RL Check	S15-09100703/S15-08240714	CH	1	Pass
3	9/25/07 12:02	09250703.D	QC CAN / FC / Gauge (1000ml)	SC00049 / 6V-0.5-135 / AVG00356	CH	3	Fail
4	9/25/07 13:13	09250704.D	QC CAN / FC / Gauge (1000ml)	SC00916 / 6V-0.5-100 / AVG00651	CH	4	Fail
5	9/25/07 14:16	09250705.D	Method Blank (1000ml)	S15-09100703	CH	1	Not Used
6	9/25/07 14:59	09250706.D	Blank (100ml)	System Check	CH	1	
7	9/25/07 15:46	09250707.D	0.5ng TO-15 STD Check	S15-09100703/S15-09250711	CH	1	
8	9/25/07 17:29	09250708.D	QC CAN / COA / Gauge (1000ml)	SC00900 / 6V-0.5-035 / AVG00667	CH	2	Pass
9	9/25/07 18:16	09250709.D	QC CAN / COA / Gauge (1000ml)	SC00434 / 6V-0.5-084 / AVG00704	CH	3	Fail
10	9/25/07 19:03	09250710.D	QC CAN / COA / Gauge (1000ml)	SC00411 / 6V-0.5-062 / AVG00617	CH	4	Fail
11	9/25/07 19:50	09250711.D	QC CAN / COA / Gauge (1000ml)	SC00548 / 6V-0.5-036 / AVG00208	CH	5	Pass - Can got reclaimed by accident.
12	9/25/07 20:37	09250712.D	QC CAN / COA / Gauge (1000ml)	SC00298 / 6V-0.5-004 / AVG00674	CH	6	Fail
13	9/25/07 21:24	09250713.D	QC CAN / COA / Gauge (1000ml)	SC00414 / 6V-0.5-093 / AVG00160	CH	7	Fail
14	9/25/07 22:11	09250714.D	QC CAN / COA / Gauge (1000ml)	SC00886 / 6V-0.5-013 / AVG00586	CH	8	Pass
15	9/25/07 22:57	09250715.D	QC CAN / COA / Gauge (1000ml)	SC00093 / 6V-0.5-083 / AVG00646	CH	9	Fail
16	9/25/07 23:44	09250716.D	QC CAN / COA / Gauge (1000ml)	SC00577 / 6V-0.5-142 / AVG00657	CH	10	Pass
17	9/26/07 0:31	09250717.D	QC CAN / COA / Gauge (1000ml)	SC00459 / 6V-0.5-092 / AVG00662	CH	13	Pass
18	9/26/07 1:18	09250718.D	QC CAN / COA / Gauge (1000ml)	SC00503 / 6V-0.5-075 / AVG00692	CH	12	Pass
19	9/26/07 2:05	09250719.D	QC CAN / COA / Gauge (1000ml)	SC00189 / 6V-0.5-047 / AVG00556	CH	14	Fail
20	9/26/07 2:52	09250720.D	New 6L Can J. Simmons (1000ml)	Cleaned 9/21/07 Filled 9/24/07	CH	15	
1	9/26/07 9:47	09260701.D	1.0ng TO-15 STD Check	S20-09100703/S20-09250711	CH	1	
2	9/26/07 10:36	09260702.D	0.1ng TO-15 STD Check	S20-09100703/S20-09250705	CH	16	
3	9/26/07 11:25	09260703.D	1.0ng TO-15 STD Check	S20-09260707/S20-09250705	CH	16	
4	9/26/07 12:17	09260704.D	5ng TO-15 STD Check	S20-09260707/S20-09260706	CH	1	
5	9/26/07 13:07	09260705.D	Blank (100ml)	System Check	CH	1	
6	9/26/07 13:51	09260706.D	Blank (100ml)	System Check	CH	1	
7	9/26/07 14:42	09260707.D	25ng TO-15 BFB	S20-09260707	CH	1	
8	9/26/07 15:25	09260708.D	0.1ng TO-15 ICAL STD	S20-09260707/S20-09250705	CH	16	

nt

Not for TICs.
~~No TICs.~~
ng only
CA 9/20/07

1,4-Dioxane to 1.0 ng.

R 12497

MR 12497

43+

Dup

43+

Dup

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
9	9/26/07 16:08	09260709.D	0.5ng TO-15 ICAL STD	S20-09260707/S20-09250705	CH	16	Pass for all 0.5ng-100ng
10	9/26/07 16:52	09260710.D	1ng TO-15 ICAL STD	S20-09260707/S20-09250711	CH	1	except Propene, Acetone, IPA,
11	9/26/07 17:35	09260711.D	5ng TO-15 ICAL STD	S20-09260707/S20-09250711	CH	1	test Butanol, MCCl, VA
12	9/26/07 18:19	09260712.D	25ng TO-15 ICAL STD	S20-09260707/S20-09260706	CH	1	C 5-100ng
13	9/26/07 19:02	09260713.D	50ng TO-15 ICAL STD	S20-09260707/S20-09260706	CH	1	EtOH 1.0ng-100ng
14	9/26/07 19:45	09260714.D	100ng TO-15 ICAL STD	S20-09260707/S20-09260706	CH	1	
15	9/26/07 20:28	09260715.D	25ng TO-15 ICV	S20-09260707/S20-09260704	CH	2	Pass

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
1	10/5/07 7:46	10050701.D	Blank	S20-09270703	WA	1	
2	10/5/07 8:32	10050702.D	25ng TO-15 CCV STD	S20-09270703/S20-09260708	WA	1	Use file
3	10/5/07 9:34	10050703.D	25ng TO-15 CCV STD	S20-09270703/S20-09260708	WA	1	
4	10/5/07 10:10	10050704.D	25ng TO-15 CCV STD	S20-09270703/S20-10030704	WA	1	
5	10/5/07 10:55	10050705.D	5ng TO-15 CCV STD	S20-09270703/S20-09250710	WA	4	Passed
6	10/5/07 11:32	10050706.D	5ng TO-15 CCV STD	S20-09270703/S20-09250710	WA	4	Confirmation
7	10/5/07 12:12	10050707.D	TO-15 Method Blank (1000ml)	S20-09270703	WA	1	Passed
8	10/5/07 12:48	10050708.D	25ng TO-15 LCS STD	S20-09270703/S20-09250718	WA	16	Passed
9	10/5/07 13:25	10050709.D	25ng TO-15 LCSD STD	S20-09270703/S20-09250718	WA	16	Passed
10	10/5/07 14:46	10050710.D	P2703066-001 (1000ml)	[redacted]	WA	5	
11	10/5/07 15:27	10050711.D	P2703066-002 (1000ml)	[redacted]	WA	6	
12	10/5/07 16:08	10050712.D	P2703066-002 DUP(1000ml)	[redacted]	WA	6	Passed
13	10/5/07 16:53	10050713.D	P2703066-003 (1000ml)	[redacted]	WA	7	
14	10/5/07 17:34	10050714.D	P2703066-004 (1000ml)	[redacted]	WA	8	
15	10/5/07 18:15	10050715.D	P2703066-005 (1000ml)	[redacted]	WA	9	
16	10/5/07 18:56	10050716.D	P2703066-006 (1000ml)	[redacted]	WA	10	
17	10/5/07 19:36	10050717.D	P2703066-007 (1000ml)	[redacted]	WA	11	
18	10/5/07 20:17	10050718.D	P2703066-008 (1000ml)	[redacted]	WA	12	
19	10/5/07 20:58	10050719.D	P2703066-009 (1000ml)	[redacted]	WA	13	
20	10/5/07 21:39	10050720.D	P2703066-010 (1000ml)	[redacted]	WA	14	
21	10/5/07 22:19	10050721.D	P2703066-011 (1000ml)	[redacted]	WA	15	
22	10/5/07 23:00	10050722.D	P2703066-012 (1000ml)	[redacted]	WA	3	
23	10/5/07 23:36	10050723.D	25ng TO15 CCV STD	S20-09270703/S20-10030704	WA	1	
24	10/6/07 0:12	10050724.D	25ng BFB STD	S20-09270703	WA	1	
25	10/6/07 0:49	10050725.D	0.1ng TO-15 ICAL STD	S20-09270703/S20-09250706	WA	2	
26	10/6/07 1:25	10050726.D	0.5ng TO-15 ICAL STD	S20-09270703/S20-09250710	WA	1	
27	10/6/07 2:01	10050727.D	1.0ng TO-15 ICAL STD	S20-09270703/S20-09250710	WA	1	
28	10/6/07 2:37	10050728.D	5.0ng TO-15 ICAL STD	S20-09270703/S20-09250710	WA	1	Passed good for 43 Comp
29	10/6/07 3:13	10050729.D	25ng TO-15 ICAL STD	S20-09270703/S20-10030704	WA	1	
30	10/6/07 3:50	10050730.D	50ng TO-15 ICAL STD	S20-09270703/S20-10030704	WA	1	
31	10/6/07 4:26	10050731.D	100ng TO-15 ICAL STD	S20-09270703/S20-10030704	WA	1	
32	10/6/07 5:02	10050732.D	25ng TO-15 ICV STD	S20-09270703/S20-09250718	WA	16	
33	10/6/07 10:14	10050733.D	25ng TO-15 ICV STD	S20-09270703/S20-10020704	WA	16	
34	10/6/07 10:56	10050734.D	25ng TO-15 ICV STD	S20-09270703/S20-10020704	WA	16	
35	10/6/07 11:46	10050735.D	25 ~~LCS check~~ ICV STD	S20-09270703/S20-09250709	WA	2	Passed 43 Comp

SC 10/8/07

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment		Date/Ti
21	10/5/07 2:16	10040721.D	CAS QC4B 10/1/07 (400ml)	1SC00616	CH	6	Pass	11	10/6/07
22	10/5/07 2:59	10040722.D	CAS QC4B 10/2/07 (400ml)	1SC00560	CH	7	Pass except Acetonitrile	12	10/6/07
23	10/5/07 3:43	10040723.D	CAS QC4A 10/1/07 (400ml)	1SC00558	CH	8	Pass except 2-Butanone to tuning only.	13	10/6/07
1	10/5/07 9:35	10050701.D	5ng TO-15 CCV STD	S20-09260707/S20-09250711	CH	1	Pass	14	10/6/07
2	10/5/07 10:20	10050702.D	25ng TO-15 MAPH CCV STD	S20-09260707/S20-10040702	CH	3	Pass	15	10/6/07
3	10/5/07 11:22	10050703.D	TO-15 / MAPH Method Blank (1000ml)	S20-09260707	CH	1	Pass	16	10/6/07
4	10/5/07 12:13	10050704.D	25ng TO-15 LCS	S20-09260707/S20-09260704	CH	2	Pass	17	10/7/07
5	10/5/07 12:57	10050705.D	25ng TO-15 MAPH LCS	S20-09260707/S20-08290704	CH	4	Pass	18	10/7/07
6	10/5/07 14:05	10050706.D	P2703030-001 (40ml)	[redacted]	CH	5		19	10/7/07
7	10/5/07 14:54	10050707.D	Blank (100ml)	System Check	CH	1		20	10/7/07
8	10/5/07 15:38	10050708.D	Blank (100ml)	System Check	CH	1		21	10/7/07
9	10/5/07 16:23	10050709.D	P2703031-001 (1000ml)	[redacted]	CH	8		22	10/7/07
10	10/5/07 17:06	10050710.D	P2703031-001 Dup (1000ml)	[redacted]	CH	8	Pass on Dup	23	10/7/07
11	10/5/07 17:49	10050711.D	P2703091-001 (0.25ml)	[redacted]	CH	1		24	10/7/07
12	10/5/07 18:33	10050712.D	P2703091-002 (8.0ml)	[redacted]	CH	1		1	10/7/07
13	10/5/07 19:17	10050713.D	P2703031-005 (5.0ml)	[redacted]	CH	1	Case File; Analyzed @ higher vol	2	10/7/07
14	10/5/07 20:00	10050714.D	P2703030-006 (10ml)	[redacted]	CH	1	Case File; Analyzed @ higher vol	3	10/7/07
15	10/5/07 20:44	10050715.D	Blank (100ml)	System Check	CH	1		4	10/7/07
16	10/5/07 21:31	10050716.D	P2703031-002 (1000ml)	[redacted]	CH	9		5	10/7/07
17	10/5/07 22:18	10050717.D	P2703031-003 (1000ml)	[redacted]	CH	10		6	10/7/07
18	10/5/07 23:05	10050718.D	P2703031-004 (1000ml)	[redacted]	CH	11		7	10/7/07
19	10/5/07 23:48	10050719.D	P2703031-005 (45ml)	[redacted]	CH	12		8	10/7/07
20	10/6/07 0:31	10050720.D	Blank (100ml)	System Check	CH	1		9	10/7/07
21	10/6/07 1:14	10050721.D	P2703030-003 (400ml)	[redacted]	CH	13		10	10/7/07
22	10/6/07 1:57	10050722.D	P2703030-004 (400ml)	[redacted]	CH	14		11	10/7/07
23	10/6/07 2:40	10050723.D	P2703030-002 (400ml)	[redacted]	CH	15		12	10/7/07
24	10/6/07 3:24	10050724.D	P2703030-002 Dil (40ml)	[redacted]	CH	15	Case File; Dil Not Needed	13	10/7/07
25	10/6/07 4:07	10050725.D	P2703030-005 Dil (40ml)	[redacted]	CH	16		14	10/7/07
26	10/6/07 4:50	10050726.D	P2703030-005 (400ml)	[redacted]	CH	16		15	10/7/07
27	10/6/07 5:34	10050727.D	Blank (100ml)	System Check	CH	1		1	10/8/07
28	10/6/07 6:17	10050728.D	Blank (100ml)	System Check	CH	1		2	10/8/07
29	10/6/07 9:02	10050729.D	New SPS 6L Can (1.0L)	Cleaned 10/4/07	CH	5		3	10/8/07
1	10/6/07 11:38	10060701.D	25ng TO-15 CCV STD	S20-09260707/S20-09260706	CJP	1	Pass except 1M 4-methyl-2-pentanone high	4	10/8/07
2	10/6/07 12:38	10060702.D	TO-15 Method Blank (1000ml)	S20-09260707	CJP	1	Pass	5	10/8/07
3	10/6/07 13:22	10060703.D	25ng TO-15 LCS	S20-09260707/S20-09260704	CJP	2	Pass	6	10/8/07
4	10/6/07 14:05	10060704.D	25ng TO-15 LCSD	S20-09260707/S20-09260704	CJP	2	Pass on LCSD	7	10/8/07
5	10/6/07 15:07	10060705.D	1ng TO-15 CRQL Std	S20-09260707/S20-09250711	CJP	1	Pass	8	10/8/07
6	10/6/07 16:02	10060706.D	P2703044-002 (1000ml)	TRC WDI-VW29-I-9-27-07 (-2.9, 3.5)	CJP	6		9	10/8/07
7	10/6/07 16:45	10060707.D	P2703044-002 Dup (1000ml)	TRC WDI-VW29-I-9-27-07 (-2.9, 3.5)	CJP	6	Pass on Dup	10	10/8/07
8	10/6/07 17:35	10060708.D	P2703044-001 (1000ml)	TRC WDI-VW29-S-9-27-07 (-3.1, 3.5)	CJP	5		11	10/8/07
9	10/6/07 18:19	10060709.D	P2703044-003 (1000ml)	TRC WDI-VW29-D-9-27-07 (-3.1, 3.5)	CJP	7		12	10/8/07
10	10/6/07 19:02	10060710.D	P2703044-004 (1000ml)	TRC WDI-VW61-S-9-27-07 (-3.3, 3.5)	CJP	8		13	10/8/07

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
11	10/6/07 19:46	10060711.D	P2703044-005 (1000ml)	TRC WDI-VW61-I-9-27-07 (-3.4, 3.5)	CJP	9	
12	10/6/07 20:29	10060712.D	P2703044-006 (1000ml)	TRC WDI-VW61-D-9-27-07 (-3.2, 3.5)	CJP	10	
13	10/6/07 21:12	10060713.D	P2703044-007 (1000ml)	TRC WDI-VW29-DAC-9-27-07 (-3.6, 3.6)	CJP	11	
14	10/6/07 21:56	10060714.D	P2703044-008 (100ml)	TRC WDI-VW25-9-27-07 (-3.6, 3.6)	CJP	12	
15	10/6/07 22:37	10060715.D	25ng TO-15 CCV STD	S20-09260707/S20-09260706	CJP	1	Pass
16	10/6/07 23:32	10060716.D	Blank (100ml)	S20-09260707	CJP	1	
17	10/7/07 0:15	10060717.D	P2703018-001 (1000ml)	[redacted]	CJP	5	
18	10/7/07 0:58	10060718.D	P2703019-001 (1000ml)	[redacted]	CJP	6	
19	10/7/07 1:42	10060719.D	P2703019-002 (1000ml)	[redacted]	CJP	7	
20	10/7/07 2:25	10060720.D	P2703019-003 (1000ml)	[redacted]	CJP	8	
21	10/7/07 3:09	10060721.D	P2703019-004 (1000ml)	[redacted]	CJP	9	
22	10/7/07 3:52	10060722.D	P2703019-004 Dup (1000ml)	[redacted]	CJP	9	Carbon Tet; Cross Disp
23	10/7/07 4:37	10060723.D	Blank (100ml)	S20-09260707	CJP	1	
24	10/7/07 7:08	10060724.D	Blank (100ml)	S20-09260707	CJP	1	
1	10/7/07 7:47	10070701.D	25ng TO-15 CCV STD	S20-09260707/S20-09260706	CJP	1	Pass
2	10/7/07 8:30	10070702.D	TO-15 Method Blank (1000ml)	S20-09260707	CJP	1	Pass
3	10/7/07 9:49	10070703.D	25ng TO-15 LCS	S20-09260707/S20-09260704	CJP	2	Pass
4	10/7/07 10:33	10070704.D	25ng TO-15 LCSD	S20-09260707/S20-09260704	CJP	2	Pass as LCS
5	10/7/07 12:00	10070705.D	1ng TO-15 CRQL Std	S20-09260707/S20-09250711	CJP	1	Pass
6	10/7/07 12:50	10070706.D	P2703044-008 Dil (25ml)	TRC WDI-VW25-9-27-07 (-3.6, 3.6)	CJP	5	
7	10/7/07 13:33	10070707.D	P2703044-009 (1000ml)	TRC WDI-VW46-S-9-27-07 (-3.4, 3.6)	CJP	6	
8	10/7/07 14:17	10070708.D	P2703044-009 Dil (80ml)	TRC WDI-VW46-S-9-27-07 (-3.4, 3.6)	CJP	6	
9	10/7/07 15:00	10070709.D	P2703044-010 (100ml)	TRC WDI-VW46-I-9-27-07 (-3.6, 3.6)	CJP	7	
10	10/7/07 15:44	10070710.D	P2703044-010 Dup (100ml)	TRC WDI-VW46-I-9-27-07 (-3.6, 3.6)	CJP	7	Pass as Dup
11	10/7/07 16:27	10070711.D	P2703044-011 (100ml)	TRC WDI-VW46-D-9-27-07 (-1.4, 3.7)	CJP	8	
12	10/7/07 17:10	10070712.D	P2703044-012 (1000ml)	TRC WDI-VW-BLANKS-9-27-07 (-14.5, 4.2)	CJP	9	
13	10/7/07 17:54	10070713.D	P2703044-013 (1000ml)	TRC WDI-VW-BLANKS-9-27-07 (-14.5, 3.8)	CJP	10	
14	10/7/07 18:37	10070714.D	P2703044-014 (1000ml)	TRC WDI-VW-BLANKS-9-27-07 (-14.5, 3.5)	CJP	11	Carbon Tet; Can was not pressurized
15	10/7/07 19:20	10070715.D	25ng TO-15 CCV STD	S20-09260707/S20-09260706	CJP	1	Pass
1	10/8/07 7:44	10080701.D	25ng TO-15 CCV STD	S20-09260707/S20-09260706	CJP	1	Pass except Chl biased high
2	10/8/07 8:46	10080702.D	TO-15 Method Blank (1000ml)	S20-09260707	CJP	1	Pass
3	10/8/07 9:42	10080703.D	25ng TO-15 LCS	S20-09260707/S20-09260704	CH	2	Pass
4	10/8/07 10:29	10080704.D	25ng TO-15 LCSD	S20-09260707/S20-09260704	CH	2	Pass as LCS
5	10/8/07 11:19	10080705.D	1ng TO-15 CRQL STD	S20-09260707/S20-09250711	CH	1	Pass
6	10/8/07 12:17	10080706.D	P2703044-009 Dil (25ml)	TRC WDI-VW46-S-9-27-07 (-3.4, 3.6)	CH	5	
7	10/8/07 13:00	10080707.D	P2703044-011 (400ml)	TRC WDI-VW46-D-9-27-07 (-1.4, 3.7)	CH	6	
8	10/8/07 13:43	10080708.D	P2703044-011 Dup (400ml)	TRC WDI-VW46-D-9-27-07 (-1.4, 3.7)	CH	6	Pass as Dup
9	10/8/07 14:27	10080709.D	P2703080-001 (40ml)	[redacted]	CH	7	Carbon Tet, chloroform (a higher rt.
10	10/8/07 15:10	10080710.D	P2703080-002 (1.0ml)	[redacted]	CH	1	Carbon Tet; signs of leaking
11	10/8/07 15:53	10080711.D	P2703080-002 (1.0ml)	[redacted]	CH	1	
12	10/8/07 16:38	10080712.D	P2703081-002 (0.25ml)	[redacted]	CH	1	
13	10/8/07 17:22	10080713.D	25ng TO-15 CCV STD	S20-09260707/S20-09260706	CH	1	Pass

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
1	10/8/07 8:08	10080701.D	25ng TO-15 CCV STD	S20-09270703/S20-10030704	WA	1	Passed
2	10/8/07 8:56	10080702.D	TO-15 Method Blank (1000ml)	S20-09270703	WA	1	Passed
3	10/8/07 9:43	10080703.D	25ng TO-15 LCS STD	S20-09270703/S20-09250719	WA	2	Passed for TRC
4	10/8/07 10:43	10080704.D	25ng TO-15 LCSD STD	S20-09270703/S20-09250719	WA	2	↓
5	10/8/07 12:02	10080705.D	1ng TO-15 CRQL STD	S20-09270703/S20-09250710	WA	1	Passed
6	10/8/07 12:53	10080706.D	P2703043-013 (1000ml)	TRC WDI-VW42-AMB-9-26-07 (-3.8,3.6)	WA	3	
7	10/8/07 14:04	10080707.D	P2703043-012 (1000ml)	TRC WDI-VW42-D-9-26-07 (-4.2,3.5)	WA	5	
8	10/8/07 14:53	10080708.D	P2703043-006 (3ml)	TRC WDI-VW51-D-9-26-07 (-2.6,3.5)	WA	4	Close File
9	10/8/07 15:33	10080709.D	P2703043-006 (50ml)	TRC WDI-VW51-D-9-26-07 (-2.6,3.5)	WA	6	
10	10/8/07 16:10	10080710.D	P2703043-006 DUP(50ml)	TRC WDI-VW51-D-9-26-07 (-2.6,3.5)	WA	6	Passed
11	10/8/07 17:01	10080711.D	P2703043-009 (1000ml)	TRC WDI-VW34-I-9-26-07 (-3.8,3.6)	WA	8	
12	10/8/07 17:41	10080712.D	P2703043-010 (1000ml)	TRC WDI-VW34-D-9-26-07 (-3.8,3.6)	WA	9	
13	10/8/07 18:22	10080713.D	P2703043-011 (1000ml)	TRC WDI-VW42-S-9-26-07 (-3.6,3.5)	WA	10	
14	10/8/07 18:58	10080714.D	25ng TO-15 CCV (CLOSING)	S20-09270703/S20-10030704	WA	1	Passed

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
1	10/9/07 9:25	10090701.D	25ng TO-15 CCV STD	S20-09270703/S20-10030704	SC	1	Passed
2	10/9/07 10:23	10090702.D	TO-15 Method Blank (1000ml)	S20-09270703	SC	1	Passed
3	10/9/07 11:10	10090703.D	1ng TO-15 CRQL STD	S20-09270703/S20-09250710	SC	1	↓
4	10/9/07 11:49	10090704.D	25ng TO-15 LCS STD	S20-09270703/S20-09250719	SC	16	↓
5	10/9/07 12:25	10090705.D	25ng TO-15 LCSD STD	S20-09270703/S20-09250719	SC	16	
6	10/9/07 13:54	10090706.D	P2703043-007 (50ml)	TRC WDI-VW51-DAC-9-26-07 (-2.5,3.5)	SC	7	
7	10/9/07 14:31	10090707.D	P2703043-007 DUP(50ml)	TRC WDI-VW51-DAC-9-26-07 (-2.5,3.5)	SC	7	Passed
8	10/9/07 15:14	10090708.D	P2703043-002 (25ml)	TRC WDI-VW30-I-9-26-07 (-2.6,3.5)	SC	8	
9	10/9/07 16:00	10090709.D	25ng TO-15 CCV (CLOSING)	S20-09270703/S20-10030704	SC	1	Passed
10	10/9/07 16:56	10090710.D	P2703065-001 (1000ml)	[redacted]	SC	2	
11	10/9/07 17:37	10090711.D	P2703065-002 (1000ml)	[redacted]	SC	3	
12	10/9/07 18:17	10090712.D	P2703065-003 (1000ml)	[redacted]	SC	5	

1	10/10/07 8:57	10100701.D	25ng TO-15 CCV STD	S20-09270703/S20-10030704	SC	1	Close File
2	10/10/07 9:33	10100702.D	25ng TO-15 CCV STD	S20-09270703/S20-10030704	SC	1	Passed
3	10/10/07 10:35	10100703.D	CAS CAN QC	SC00025	SC	6	Passed for [illegible]
4	10/10/07 11:11	10100704.D	1ng TO-15 CRQL STD	S20-09270703/S20-09250710	SC	1	Passed
5	10/10/07 12:01	10100705.D	25ng TO-15 LCS STD	S20-09270703/S20-09250719	SC	16	↓
6	10/10/07 12:46	10100706.D	25ng TO-15 LCSD STD	S20-09270703/S20-09250719	SC	16	↓
7	10/10/07 13:47	10100707.D	P2703044-014 (1000ml)	TRC WDI-VW-BLANKS-9-27-07 (-14.5,5.3)	SC	2	
8	10/10/07 14:29	10100708.D	P2703044-014 DUP(1000ml)	TRC WDI-VW-BLANKS-9-27-07 (-14.5,5.3)	SC	2	Passed
9	10/10/07 15:07	10100709.D	25ng TO-15 CCV (CLOSING)	S20-09270703/S20-10030704	SC	1	↓
10	10/10/07 15:56	10100710.D	5ng TO-15 CHECK STD	S20-09270703/S20-09250710	SC	1	↓
11	10/10/07 16:32	10100711.D	P2703076-010 (50ml)	[redacted]	SC	14	
12	10/10/07 17:09	10100712.D	P2703076-005 (200ml)	[redacted]	SC	9	
13	10/10/07 17:48	10100713.D	P2703076-005 (50ml)	[redacted]	SC	9	

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
11	10/12/07 16:51	10120711.D	P2703111-006 (250ml)	[redacted]	SC	15	
12	10/12/07 17:27	10120712.D	P2703111-006 DUP(250ml)	[redacted]	SC	15	passed
13	10/12/07 18:04	10120713.D	P2703111-009 (500ml)	[redacted]	SC	9	
14	10/12/07 18:40	10120714.D	Blank (200ml)	Rinse	SC	1	
15	10/12/07 19:21	10120715.D	P2703111-017 (1000ml)	[redacted]	SC	14	

	Date/Time	File Name	Sample ID	Misc Info	Operator	Vial	Comment
1	10/15/07 8:33	10150701.D	25ng TO-15 CCV STD	S20-09270703/S20-10030704	SC	1	Passed TCFM
2	10/15/07 9:39	10150702.D	TO-15 Method Blank (1000ml)	S20-09270703	SC	1	
3	10/15/07 10:27	10150703.D	1ng TO-15 CRQL STD	S20-09270703/S20-09250710	SC	1	
4	10/15/07 11:20	10150704.D	25ng TO-15 LCS STD	S20-09270703/S20-09250719	SC	16	
5	10/15/07 11:59	10150705.D	25ng TO-15 LCSD STD	S20-09270703/S20-09250719	SC	16	
6	10/15/07 12:37	10150706.D	P2703044-010 Dil (25ml)	TRC WDI-VW46-I-9-27-07 (-3.6,3.6)	SC	15	Case file
7	10/15/07 13:13	10150707.D	P2703044-010 Dil (5ml)	TRC WDI-VW46-I-9-27-07 (-3.6,3.6)	SC	4	
8	10/15/07 13:58	10150708.D	P2703044-010 Dup Dil (5ml)	TRC WDI-VW46-I-9-27-07 (-3.6,3.6)	SC	4	Passed
9	10/15/07 14:41	10150709.D	25ng TO-15 CCV (CLOSING)	S20-09270703/S20-10030704	SC	1	Passed
10	10/15/07 15:25	10150710.D	Blank (200ml)	S20-10110701	SC	1	
11	10/15/07 16:16	10150711.D	25ng BFB STD	S20-10110701	SC	1	
12	10/15/07 16:52	10150712.D	0.1ng TO-15 ICAL STD	S20-10110701/S20-09250706	SC	2	
13	10/15/07 17:28	10150713.D	0.5ng TO-15 ICAL STD	S20-10110701/S20-10030709	SC	1	
14	10/15/07 18:04	10150714.D	1.0ng TO-15 ICAL STD	S20-10110701/S20-10030709	SC	1	
15	10/15/07 18:40	10150715.D	5.0ng TO-15 ICAL STD	S20-10110701/S20-10030709	SC	1	
16	10/15/07 19:16	10150716.D	25ng TO-15 ICAL STD	S20-10110701/S20-10030704	SC	1	
17	10/15/07 19:52	10150717.D	50ng TO-15 ICAL STD	S20-10110701/S20-10030704	SC	1	
18	10/15/07 20:28	10150718.D	100ng TO-15 ICAL STD	S20-10110701/S20-10030704	SC	1	
19	10/15/07 21:04	10150719.D	25ng TO-15 ICV STD	S20-10110701/S20-10090705	SC	16	
20	10/16/07 9:42	10150720.D	0.5ng TO-15 ICAL STD	S20-10110701/S20-09250706	SC	2	

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	07543
Quality Control Analyzed:	13-Sep-07
Cleaned:	08-Sep-07
Quality Control Analyzed on Container:	SC00628

Container IDs

SC00054
SC00848
SC00626
SC00372
SC00060
SC00002
SC00030
SC00420
SC00071
SC00628

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	07562
Quality Control Analyzed:	14-Sep-07
Cleaned:	13-Sep-07
Quality Control Analyzed on Container:	SC00938

Container IDs

SC00659
SC00425
SC00598
SC00061
SC00570
SC00188
SC00239
SC00673
SC00938
SC00182

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	07571
Quality Control Analyzed:	18-Sep-07
Cleaned:	14-Sep-07
Quality Control Analyzed on Container:	SC00822

Container IDs

SC00663
SC00650
SC00191
SC00097
SC00299
SC00870
SC00822
SC00740
SC00334
SC00431

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	07424
Quality Control Analyzed:	17-Sep-07
Cleaned:	02-Aug-07
Quality Control Analyzed on Container:	SC00648

Container IDs

SC00122
SC00746
SC00718
SC00464
SC00648
SC00573
SC00826
SC00637
SC00159
SC00109

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	07586
Quality Control Analyzed:	26-Sep-07
Cleaned:	20-Sep-07
Quality Control Analyzed on Container:	SC00131

Container IDs

SC00627
SC00210
SC00950
SC00027
SC00949
SC00131
SC00717
SC00811
SC00930
SC00777

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	07421
Quality Control Analyzed:	
Cleaned:	01-Aug-07
Quality Control Analyzed on Container:	

Container IDs

AC00767
AC00817
AC00266
AC01143
AC01271
AC01467
AC01079
AC00718
AC00919
AC00985
AC00697
AC01155
AC01304
AC01385

Columbia Analytical Services, Inc.
Air Quality Laboratory
An Employee Owned Company

QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	07429
Quality Control Analyzed:	10-Aug-07
Cleaned:	04-Aug-07
Quality Control Analyzed on Container:	AC01197

Container IDs

AC01258
AC00822
AC00731
AC00412
AC00723
AC01044
AC01117
AC00076
AC00517
AC01346
AC01373
AC01010
AC01197
AC00836

Columbia Analytical Services, Inc.
Air Quality Laboratory
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QC CERTIFICATION

Quality Control Results:	PASS
Quality Control Batch ID:	07422
Quality Control Analyzed:	11-Aug-07
Cleaned:	01-Aug-07
Quality Control Analyzed on Container:	AC01421

Container IDs

AC01464
AC01237
AC01090
AC00792
AC01208
AC01309
AC00458
AC00629
AC01213
AC00585
AC01421
AC01264
AC01370
AC01052
AC00943
AC01051

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: TRC Work order: P2703044

Project: WDI

Sample(s) received on: 10/01/07 Date opened: 10/01/07 by: MZ

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature NA °C			
	Blank Temperature NA °C			
8	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were custody seals on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Is pH (acid) **preservation** necessary, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** (acid) preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
	Do they contain moisture?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2703044-001			NA	
P2703044-002			NA	
P2703044-003			NA	
P2703044-004			NA	
P2703044-005			NA	
P2703044-006			NA	
P2703044-007			NA	
P2703044-008			NA	
P2703044-009			NA	
P2703044-010			NA	

Explain any discrepancies: (include lab sample ID numbers):

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: TRC Work order: P2703044

Project: WDI

Sample(s) received on: 10/01/07 Date opened: 10/01/07 by: MZ

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2703044-011			NA	
P2703044-012			NA	
P2703044-013			NA	
P2703044-014			NA	

Air - Chain of Custody Record & Analytical Service Request

Columbia Analytical Services INC.
An Employee - Owned Company
2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No. P2703044

Company Name & Address (Reporting Information): TRC, 21 W. Technology Dr., Irvine, CA. 92618

Project Name: WDI

Project Number:

P.O. # / Billing Information:

Project Manager: Anand Helekar

Phone: (949) 727-9336 Fax: (949) 727-7399

Email Address for Result Reporting: AHelekar@trcsolutions.com

Sampler (Print & Sign): Andrew Candelaria

CAS Contact:

Analysis Method and/or Analytes

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code - FC #)	Sample Volume	VOC's By TO15	EPA 25C Modified (Total Non-Methane Organic Carbon + Methane)	EPA 3C Modified Fixed Gases (Methane only if TO15/NMO concentrations are elevated)		Comments e.g. Actual Preservative or specific instructions
WDI-VW29-S-9-27-07	1-6.4	9-27-07	0807	Air	SC00848	6V-.5-158	6L	X	X	X		
WDI-VW29-I-9-27-07	2-6.0	9-27-07	0807	Air	SC00372	6V-.5-164	6L	X	X	X		
WDI-VW25-D-9-27-07	3-6.3	9-27-07	0807	Air	SC00002	6V-.5-157	6L	X	X	X		
WDI-VW61-S-9-27-07	4-6.7	9-27-07	0935	Air	SC00626	6V-.5-168	6L	X	X	X		
WDI-VW61-I-9-27-07	5-7.0	9-27-07	0935	Air	SC00598	6V-.5-163	6L	X	X	X		
WDI-VW61-D-9-27-07	6-6.5	9-27-07	0935	Air	SC00431	6V-.5-162	6L	X	X	X		
WDI-VW61-DAC-9-27-07	7-7.3	9-27-07	0935	Air	SC00628	6V-.5-161	6L	X	X	X		
WDI-VW25-9-27-07	8-7.3	9-27-07	1045	Air	SC00122	6V-.5-069	6L	X	X	X		
WDI-VW46-S-9-27-07	9-6.9	9-27-07	1242	Air	SC00949	6V-.5-038	6L	X	X	X		
WDI-VW46-I-9-27-07	10-7.3	9-27-07	1242	Air	SC00717	6V-.5-156	6L	X	X	X		
WDI-VW46-D-9-27-07	11-2.8	9-27-07	1242	Air	SC00109	6V-.5-165	6L	X	X	X		
WDI-VW-BLANKS-9-27-07	12-29.5	9-27-07	1300	Air	AC00718		6L	X	X	X		
WDI-VW-BLANKS-9-27-07	13-29.5	9-27-07	1300	Air	AC01197		6L	X	X	X		
WDI-VW-BLANKS-9-27-07	14-29.6	9-27-07	1300	Air	AC01421		6L	X	X	X		

Report Tier Levels - please select
Tier I - (Results/Default if not specified) ____
Tier II - (Results + QC) ____
Tier III - (Data Validation Package) 10% Surcharge ✓
Tier V - (client specified) ____

EDD required Yes / No
Type: _____ EDD Units: _____

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
[signature]	9-27-07	1350	[signature]	10/1/07	1142
[signature]	10-1-07	15:05	[signature]	10/1/07	1305

Cooler / Blank: 12428, 12424, 12430

Temperature: °C