Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 4D79201.D
Acq On : 17 May 2017 10:07 pm
Operator : BridgetK
Sample : jc43354-11msd
Misc : MS16090,V4D3423,5,,,,1
ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 18 13:34:39 2017
Quant Method : C:\MSDCHEM\1\METHODS\M4D3413.M
Quant Title : SW846 8260C, DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Wed May 10 12:20:55 2017
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2,2-dichloropropane	9.516	77	170261	50.54 ug/L	99
37) cis-1,2-dichloroethene	9.485	96	142273	52.04 ug/L	98
38) methyl acrylate	9.584	85	23997	49.56 ug/L	93
39) propionitrile	9.506	54	231008	506.00 ug/L	99
40) bromochloromethane	9.799	128	71508	52.00 ug/L	97
41) tetrahydrofuran	9.873	72	21054	42.12 ug/L	94
42) chloroform	9.883	85	147068	49.36 ug/L	99
45) methacrylonitrile	9.736	67	64004	50.79 ug/L	98
46) 1,1,1-trichloroethane	10.187	97	194953	55.64 ug/L	99
47) cyclohexane	10.302	84	180391	58.31 ug/L	97
48) 1,1-dichloropropene	10.381	75	181163	55.91 ug/L	99
49) iso-butyl alcohol	10.365	43	88116	481.85 ug/L	99
50) carbon tetrachloride	10.418	117	176689	56.38 ug/L	100
51) tert amyl alcohol	10.517	55	37797	257.15 ug/L	97
54) n-butyl alcohol	11.152	56	267563	2643.59 ug/L	99
55) 2,2,4-trimethylpentane	10.748	57	501766	54.63 ug/L	99
56) benzene	10.649	78	498357	52.41 ug/L	100
57) tert-amyl methyl ether	10.743	87	88305	49.51 ug/L	99
58) heptane	10.926	71	101411	53.59 ug/L	99
59) isopropyl acetate	10.612	87	26883	48.70 ug/L	97
60) 1,2-dichloroethane	10.628	62	171317	50.66 ug/L	99
61) trichloroethene	11.393	130	131844	55.69 ug/L	100
62) ethyl acrylate	11.414	55	195772	49.39 ug/L	99
63) 2-nitropropane	12.127	41	37262	45.80 ug/L	98
65) methyl methacrylate	11.687	100	36341	49.91 ug/L	90
66) 1,2-dichloropropane	11.639	63	137488	52.93 ug/L	100
67) dibromomethane	11.776	93	91715	52.40 ug/L	95
68) methylcyclohexane	11.666	83	218879	56.82 ug/L	98
69) bromodichloromethane	11.917	83	175549	52.33 ug/L	98
70) epichlorohydrin	12.274	57	23622	71.74 ug/L	99
71) cis-1,3-dichloropropene	12.394	75	209588	50.86 ug/L	99
72) 4-methyl-2-pentanone	12.515	58	255437	210.70 ug/L	99
73) 3-methyl-1-butanol	12.515	55	176271	1056.12 ug/L	98
76) toluene	12.782	92	288329	52.96 ug/L	99
77) trans-1,3-dichloropropene	12.945	75	181367	49.91 ug/L	99
78) ethyl methacrylate	12.992	69	178430	52.69 ug/L	100
79) 1,1,2-trichloroethane	13.149	83	104240	51.30 ug/L	99
80) tetrachloroethene	13.370	164	106075	56.26 ug/L	99
81) 1,3-dichloropropane	13.333	76	183914	51.21 ug/L	99
82) 2-hexanone	13.354	58	250316	215.80 ug/L	98
83) butyl acetate	13.454	56	87666	44.09 ug/L	99
84) 3,3-dimethyl-1-butanol	13.516	57	191731	558.31 ug/L	99
85) dibromochloromethane	13.590	129	144641	52.25 ug/L	98
86) 1,2-dibromoethane	13.737	107	132770	50.31 ug/L	99
87) n-butyl ether	14.214	57	501613	52.25 ug/L	100
88) chlorobenzene	14.230	112	328040	52.61 ug/L	99
89) 1,1,1,2-tetrachloroethane	14.287	131	126028	53.78 ug/L	97
90) ethylbenzene	14.308	91	544444	53.56 ug/L	100
91) m,p-xylene	14.418	106	413702	106.60 ug/L	99
92) o-xylene	14.838	106	207464	53.48 ug/L	100

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 4D79201.D
Acq On : 17 May 2017 10:07 pm
Operator : BridgetK
Sample : jc43354-11msd
Misc : MS16090,V4D3423,5,,,,1
ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 18 13:34:39 2017
Quant Method : C:\MSDCHEM\1\METHODS\M4D3413.M
Quant Title : SW846 8260C, DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Wed May 10 12:20:55 2017
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
93) styrene	14.838	104	354516	53.11 ug/L	99
94) bromoform	15.063	173	107617	51.86 ug/L	98
95) butyl acrylate	14.675	55	289429	53.39 ug/L	99
96) isopropylbenzene	15.199	105	548431	54.59 ug/L	99
97) cis-1,4-dichloro-2-butene	15.220	88	12268	11.98 ug/L	92
100) bromobenzene	15.572	156	150385	51.03 ug/L	98
101) 1,1,2,2-tetrachloroethane	15.451	83	193169	49.37 ug/L	99
102) trans-1,4-dichloro-2-b...	15.504	53	12477	14.43 ug/L #	82
103) 1,2,3-trichloropropane	15.530	110	41282	50.53 ug/L	96
104) n-propylbenzene	15.619	91	669830	54.76 ug/L	100
105) 2-chlorotoluene	15.745	126	133910	53.83 ug/L	95
106) 4-chlorotoluene	15.850	91	390878	52.38 ug/L	99
107) 1,3,5-trimethylbenzene	15.776	105	453769	53.90 ug/L	99
108) tert-butylbenzene	16.138	134	81381	54.64 ug/L	99
109) 1,2,4-trimethylbenzene	16.175	105	458946	53.18 ug/L	98
110) sec-butylbenzene	16.363	105	618057	56.72 ug/L	100
111) 1,3-dichlorobenzene	16.521	146	273849	52.32 ug/L	99
112) p-isopropyltoluene	16.489	119	505238	55.02 ug/L	100
113) 1,4-dichlorobenzene	16.605	146	274118	51.68 ug/L	99
114) benzyl chloride	16.715	91	292494	46.73 ug/L	99
115) 1,2-dichlorobenzene	17.008	146	267883	51.77 ug/L	98
116) n-butylbenzene	16.914	92	274709	57.30 ug/L	98
117) 1,2-dibromo-3-chloropr...	17.805	75	34882	52.78 ug/L	99
118) 1,3,5-trichlorobenzene	18.046	180	253367	54.56 ug/L	97
119) 2-ethylhexyl acrylate	18.744	70	22310	14.21 ug/L	97
120) 1,2,4-trichlorobenzene	18.718	180	217771	53.58 ug/L	98
121) hexachlorobutadiene	18.880	225	119973	60.32 ug/L	97
122) naphthalene	19.006	128	498066	55.57 ug/L	99
123) 1,2,3-trichlorobenzene	19.268	180	191042	53.57 ug/L	99
124) hexachloroethane	17.312	201	94778	53.53 ug/L	98
125) 2-methylnaphthalene	20.243	142	94705	25.00 ug/L	100

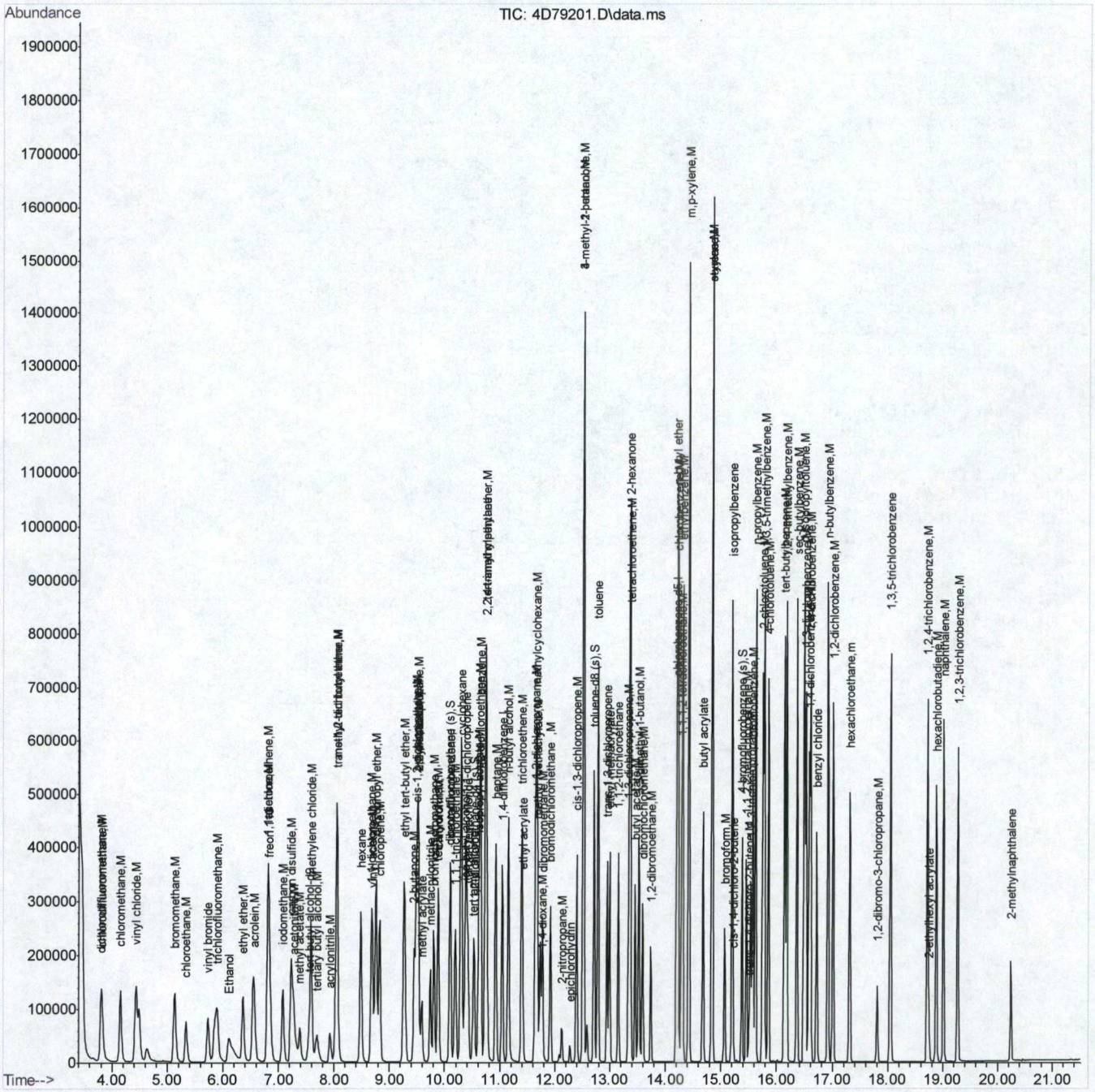
(#) = qualifier out of range (m) = manual integration (+) = signals summed

7.4.2 7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 4D79201.D
Acq On : 17 May 2017 10:07 pm
Operator : BridgetK
Sample : jc43354-11msd
Misc : MS16090,V4D3423,5,,,,1
ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 18 13:34:39 2017
Quant Method : C:\MSDCHEM\1\METHODS\M4D3413.M
Quant Title : SW846 8260C, DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Wed May 10 12:20:55 2017
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 4D79236.D
Acq On : 18 May 2017 5:32 pm
Operator : BridgetK
Sample : mc50372-3ms
Misc : MS15946,V4D3424,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 19 11:08:45 2017
Quant Method : C:\MSDCHEM\1\METHODS\M4D3413.M
Quant Title : SW846 8260C, DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Wed May 10 12:20:55 2017
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) tert butyl alcohol-d9	7.555	65	157948	500.00 ug/L	0.00
5) pentafluorobenzene	10.103	168	241818	50.00 ug/L	0.00
52) 1,4-difluorobenzene	11.047	114	355065	50.00 ug/L	0.00
74) chlorobenzene-d5	14.198	117	310808	50.00 ug/L	0.00
98) 1,4-dichlorobenzene-d4	16.578	152	160467	50.00 ug/L	0.00
System Monitoring Compounds					
44) dibromofluoromethane (s)	10.088	113	123839	51.68 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 103.36%		
53) 1,2-dichloroethane-d4 (s)	10.533	65	131933	51.45 ug/L	0.00
Spiked Amount 50.000	Range 73 - 122		Recovery = 102.90%		
75) toluene-d8 (s)	12.709	98	397277	49.38 ug/L	0.00
Spiked Amount 50.000	Range 84 - 119		Recovery = 98.76%		
99) 4-bromofluorobenzene (s)	15.372	95	147669	49.72 ug/L	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.44%		
Target Compounds					Qvalue
2) tertiary butyl alcohol	7.691	59	142801	308.84 ug/L	93
3) Ethanol	6.113	45	228322	5385.33 ug/L	99
4) 1,4-dioxane	11.755	88	48427	1438.77 ug/L	95
6) chlorodifluoromethane	3.822	51	139189	54.89 ug/L	99
7) dichlorodifluoromethane	3.806	85	228304	56.04 ug/L	99
8) chloromethane	4.163	50	270758	55.98 ug/L	98
9) vinyl chloride	4.441	62	280195	60.58 ug/L	100
11) bromomethane	5.138	94	177309	57.97 ug/L	100
12) chloroethane	5.343	64	129721	58.86 ug/L	98
13) trichlorofluoromethane	5.893	101	277118	60.02 ug/L	97
14) vinyl bromide	5.736	106	218094	78.81 ug/L	98
15) ethyl ether	6.365	74	85728	55.69 ug/L	98
16) acrolein	6.569	56	37058	49.36 ug/L	95
17) freon 113	6.842	151	119346	54.38 ug/L	98
18) 1,1-dichloroethene	6.811	96	142565	57.17 ug/L	97
19) acetone	6.821	58	60103	196.30 ug/L	98
20) acetonitrile	7.272	41	264891	497.52 ug/L	98
21) iodomethane	7.078	142	288745	56.00 ug/L	98
22) carbon disulfide	7.230	76	503921	58.44 ug/L	99
23) methylene chloride	7.587	84	166770	54.05 ug/L	99
24) methyl acetate	7.387	43	141530	51.27 ug/L	99
25) methyl tert butyl ether	8.048	73	997483	111.45 ug/L	99
26) trans-1,2-dichloroethene	8.053	96	157687	52.63 ug/L	99
27) di-isopropyl ether	8.756	45	551013	55.00 ug/L	100
28) 2-butanone	9.448	72	81241	199.94 ug/L	99
29) 1,1-dichloroethane	8.672	63	299491	56.57 ug/L	100
30) chloroprene	8.824	53	237263	58.30 ug/L	99
31) acrylonitrile	7.933	53	68612	53.57 ug/L	98
32) hexane	8.483	56	119262	59.67 ug/L	97
33) vinyl acetate	8.693	86	28891	50.96 ug/L	79
34) ethyl tert-butyl ether	9.270	59	526056	54.72 ug/L	99
35) ethyl acetate	9.511	45	27649	49.64 ug/L	93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 4D79236.D
Acq On : 18 May 2017 5:32 pm
Operator : BridgetK
Sample : mc50372-3ms
Misc : MS15946,V4D3424,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 19 11:08:45 2017
Quant Method : C:\MSDCHEM\1\METHODS\M4D3413.M
Quant Title : SW846 8260C, DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Wed May 10 12:20:55 2017
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2,2-dichloropropane	9.516	77	232630	58.66 ug/L	99
37) cis-1,2-dichloroethene	9.485	96	175880	54.65 ug/L	98
38) methyl acrylate	9.584	85	30046	52.72 ug/L	99
39) propionitrile	9.506	54	279466	519.99 ug/L	100
40) bromochloromethane	9.804	128	89596	55.34 ug/L	99
41) tetrahydrofuran	9.873	72	25675	43.63 ug/L	93
42) chloroform	9.883	85	185000	52.75 ug/L	99
43) t-butyl formate	9.967	59	53433	20.89 ug/L	92
45) methacrylonitrile	9.736	67	79634	53.68 ug/L	97
46) 1,1,1-trichloroethane	10.192	97	239281	58.01 ug/L	99
47) cyclohexane	10.302	84	213128	58.52 ug/L	90
48) 1,1-dichloropropene	10.381	75	226648	59.42 ug/L	98
49) iso-butyl alcohol	10.360	43	102724	477.17 ug/L	99
50) carbon tetrachloride	10.418	117	218713	59.28 ug/L	99
51) tert amyl alcohol	10.512	55	45601	263.55 ug/L	90
54) n-butyl alcohol	11.152	56	307079	2595.19 ug/L	99
55) 2,2,4-trimethylpentane	10.748	57	640616	59.66 ug/L	99
56) benzene	10.649	78	1916934	172.44 ug/L	100
57) tert-amyl methyl ether	10.743	87	110262	52.87 ug/L	94
58) heptane	10.926	71	131606	59.49 ug/L	100
59) isopropyl acetate	10.612	87	36218	56.12 ug/L	96
60) 1,2-dichloroethane	10.628	62	230224	58.23 ug/L	95
61) trichloroethene	11.393	130	161615	58.39 ug/L	100
62) ethyl acrylate	11.414	55	247224	53.35 ug/L	99
63) 2-nitropropane	12.127	41	46217	48.59 ug/L	98
65) methyl methacrylate	11.687	100	45759	53.76 ug/L	94
66) 1,2-dichloropropane	11.639	63	173480	57.13 ug/L	99
67) dibromomethane	11.776	93	114310	55.86 ug/L	96
68) methylcyclohexane	11.666	83	277487	61.61 ug/L	98
69) bromodichloromethane	11.917	83	221398	56.45 ug/L	99
70) epichlorohydrin	12.274	57	81884	212.73 ug/L	99
71) cis-1,3-dichloropropene	12.394	75	266550	55.33 ug/L	99
72) 4-methyl-2-pentanone	12.515	58	298857	210.86 ug/L	99
73) 3-methyl-1-butanol	12.515	55	207564	1063.74 ug/L	98
76) toluene	12.782	92	362850	56.28 ug/L	98
77) trans-1,3-dichloropropene	12.945	75	234795	54.56 ug/L	99
78) ethyl methacrylate	12.992	69	224363	55.94 ug/L	98
79) 1,1,2-trichloroethane	13.149	83	132303	54.97 ug/L	99
80) tetrachloroethene	13.370	164	130963	58.65 ug/L	99
81) 1,3-dichloropropane	13.333	76	232906	54.76 ug/L	99
82) 2-hexanone	13.354	58	293417	213.58 ug/L	95
83) butyl acetate	13.454	56	127736	54.24 ug/L	99
84) 3,3-dimethyl-1-butanol	13.516	57	236980	582.65 ug/L	99
85) dibromochloromethane	13.590	129	181810	55.45 ug/L	98
86) 1,2-dibromoethane	13.737	107	169040	54.08 ug/L	99
87) n-butyl ether	14.214	57	633288	55.70 ug/L	100
88) chlorobenzene	14.230	112	405850	54.95 ug/L	100
89) 1,1,1,2-tetrachloroethane	14.287	131	156471	56.38 ug/L	99
90) ethylbenzene	14.308	91	707896	58.80 ug/L	99
91) m,p-xylene	14.418	106	532632	115.88 ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 4D79236.D
Acq On : 18 May 2017 5:32 pm
Operator : BridgetK
Sample : mc50372-3ms
Misc : MS15946,V4D3424,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 19 11:08:45 2017
Quant Method : C:\MSDCHEM\1\METHODS\M4D3413.M
Quant Title : SW846 8260C, DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Wed May 10 12:20:55 2017
Response via : Initial Calibration

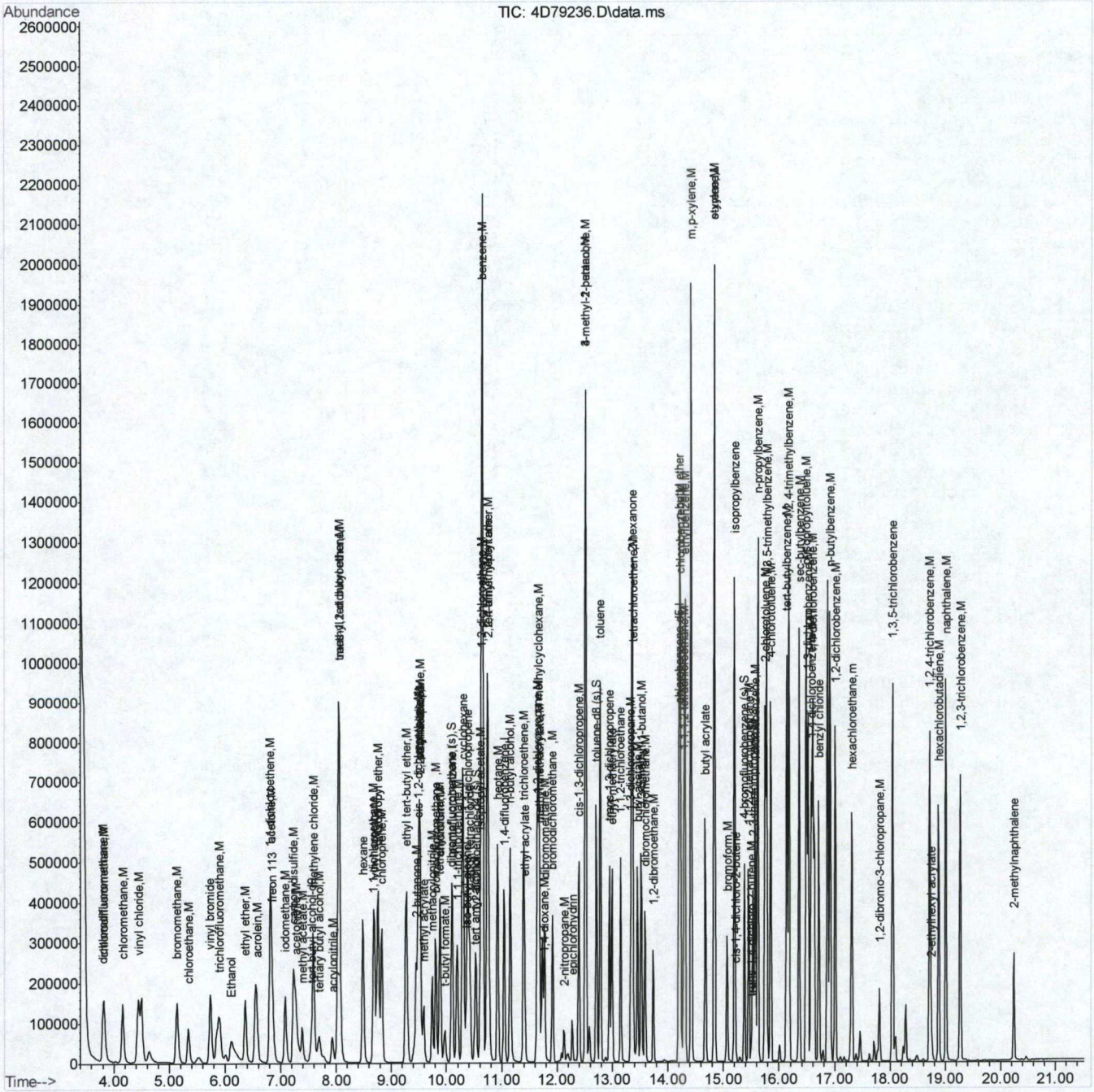
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
92) o-xylene	14.838	106	258285	56.22 ug/L	99
93) styrene	14.838	104	441449	55.84 ug/L	100
94) bromoform	15.063	173	135867	55.29 ug/L	99
95) butyl acrylate	14.670	55	371572	57.87 ug/L	99
96) isopropylbenzene	15.199	105	770372	64.74 ug/L	99
97) cis-1,4-dichloro-2-butene	15.220	88	6901	5.69 ug/L	86
100) bromobenzene	15.572	156	185841	53.56 ug/L	97
101) 1,1,2,2-tetrachloroethane	15.451	83	240766	52.26 ug/L	99
102) trans-1,4-dichloro-2-b...	15.504	53	7331	7.20 ug/L #	75
103) 1,2,3-trichloropropane	15.530	110	50860	52.87 ug/L	96
104) n-propylbenzene	15.619	91	982022	68.18 ug/L	99
105) 2-chlorotoluene	15.745	126	165428	56.47 ug/L	94
106) 4-chlorotoluene	15.850	91	484935	55.18 ug/L	100
107) 1,3,5-trimethylbenzene	15.776	105	562427	56.73 ug/L	99
108) tert-butylbenzene	16.138	134	102345	58.36 ug/L	98
109) 1,2,4-trimethylbenzene	16.175	105	647184	63.68 ug/L	99
110) sec-butylbenzene	16.363	105	762217	59.40 ug/L	99
111) 1,3-dichlorobenzene	16.521	146	341171	55.35 ug/L	99
112) p-isopropyltoluene	16.489	119	636753	58.88 ug/L	100
113) 1,4-dichlorobenzene	16.605	146	343978	55.08 ug/L	99
114) benzyl chloride	16.715	91	434004	58.89 ug/L	100
115) 1,2-dichlorobenzene	17.008	146	328815	53.96 ug/L	99
116) n-butylbenzene	16.914	92	342225	60.62 ug/L	98
117) 1,2-dibromo-3-chloropr...	17.805	75	43983	56.52 ug/L	99
118) 1,3,5-trichlorobenzene	18.046	180	312723	57.19 ug/L	97
119) 2-ethylhexyl acrylate	18.744	70	30072	16.26 ug/L	92
120) 1,2,4-trichlorobenzene	18.718	180	270025	56.38 ug/L	98
121) hexachlorobutadiene	18.875	225	145351	62.06 ug/L	99
122) naphthalene	19.006	128	731242	69.29 ug/L	100
123) 1,2,3-trichlorobenzene	19.268	180	236990	56.40 ug/L	99
124) hexachloroethane	17.312	201	116069	55.67 ug/L	99
125) 2-methylnaphthalene	20.243	142	127990	28.25 ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 4D79236.D
Acq On : 18 May 2017 5:32 pm
Operator : BridgetK
Sample : mc50372-3ms
Misc : MS15946,V4D3424,5,,,,1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 19 11:08:45 2017
Quant Method : C:\MSDCHEM\1\METHODS\M4D3413.M
Quant Title : SW846 8260C, DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Wed May 10 12:20:55 2017
Response via : Initial Calibration



SGS ACCUTEST JC43354

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 4D79238.D
Acq On : 18 May 2017 6:27 pm
Operator : BridgetK
Sample : mc50372-1dup
Misc : MS15946,V4D3424,5,,,,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 19 11:09:37 2017
Quant Method : C:\MSDCHEM\1\METHODS\M4D3413.M
Quant Title : SW846 8260C, DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Wed May 10 12:20:55 2017
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) tert butyl alcohol-d9	7.555	65	192989	500.00 ug/L	0.00
5) pentafluorobenzene	10.103	168	271263	50.00 ug/L	0.00
52) 1,4-difluorobenzene	11.042	114	405149	50.00 ug/L	0.00
74) chlorobenzene-d5	14.198	117	342208	50.00 ug/L	0.00
98) 1,4-dichlorobenzene-d4	16.578	152	172614	50.00 ug/L	0.00
System Monitoring Compounds					
44) dibromofluoromethane (s)	10.087	113	138713	51.60 ug/L	0.00
Spiked Amount 50.000	Range 76 - 120		Recovery = 103.20%		
53) 1,2-dichloroethane-d4 (s)	10.533	65	150680	51.50 ug/L	0.00
Spiked Amount 50.000	Range 73 - 122		Recovery = 103.00%		
75) toluene-d8 (s)	12.709	98	444271	50.16 ug/L	0.00
Spiked Amount 50.000	Range 84 - 119		Recovery = 100.32%		
99) 4-bromofluorobenzene (s)	15.372	95	162741	50.93 ug/L	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.86%		
Target Compounds					Qvalue
18) 1,1-dichloroethene	6.826	96	736	0.26 ug/L	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

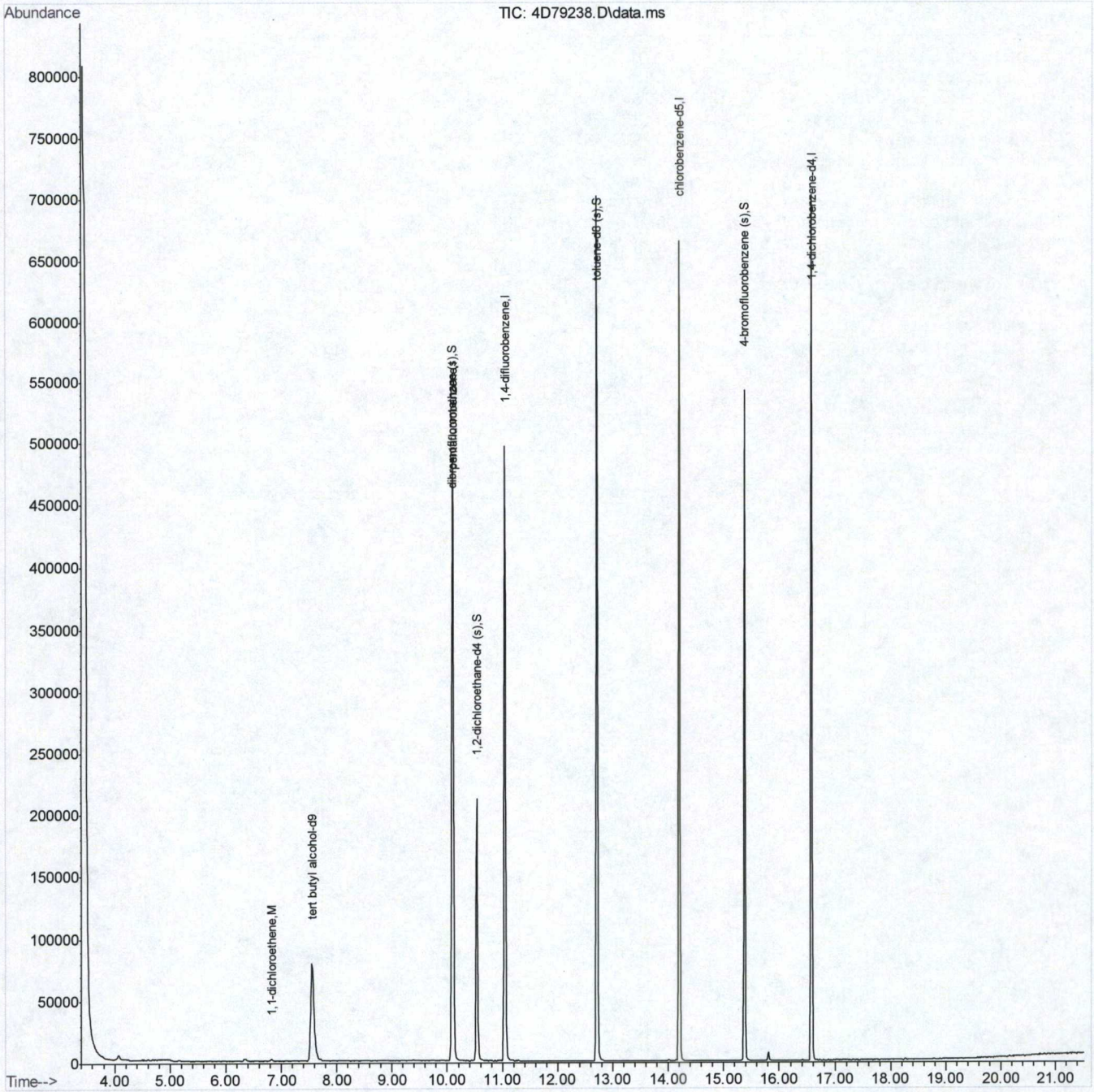
7.5.1

7

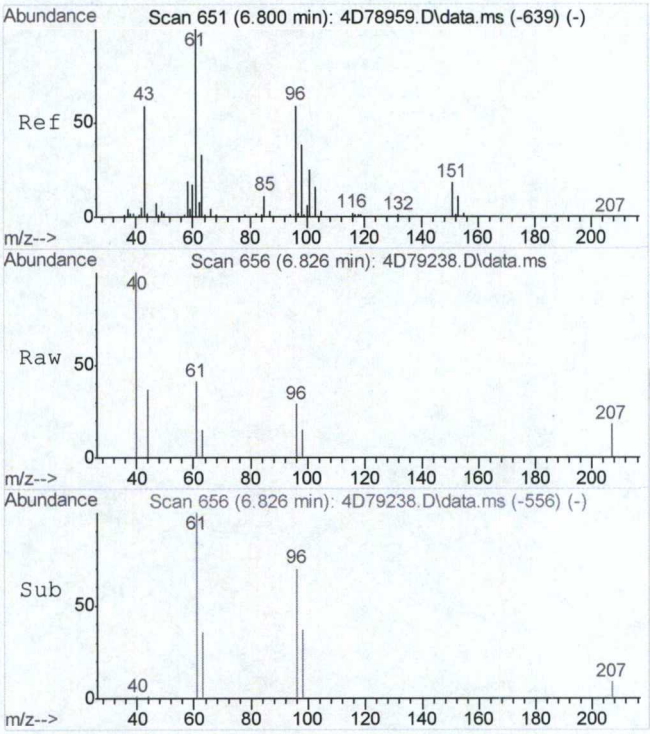
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\
Data File : 4D79238.D
Acq On : 18 May 2017 6:27 pm
Operator : BridgetK
Sample : mc50372-1dup
Misc : MS15946,V4D3424,5,,,,1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 19 11:09:37 2017
Quant Method : C:\MSDCHEM\1\METHODS\M4D3413.M
Quant Title : SW846 8260C, DB-624 60 m x 0.25 mm x 1.4 um
QLast Update : Wed May 10 12:20:55 2017
Response via : Initial Calibration



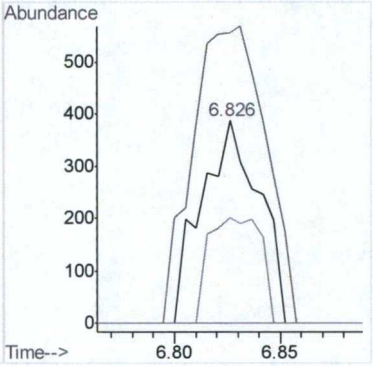
M4D3413.M Fri May 19 11:09:46 2017 RPT1 Page: 2



#18
1,1-dichloroethene
Concen: 0.26 ug/L
RT: 6.826 min Scan# 656
Delta R.T. 0.026 min
Lab File: 4D79238.D
Acq: 18 May 2017 6:27 pm

Tgt Ion: 96 Resp: 736

Ion	Ratio	Lower	Upper
96	100		
61	143.4	138.9	198.9
63	51.9	25.3	85.3



7.5.1

7

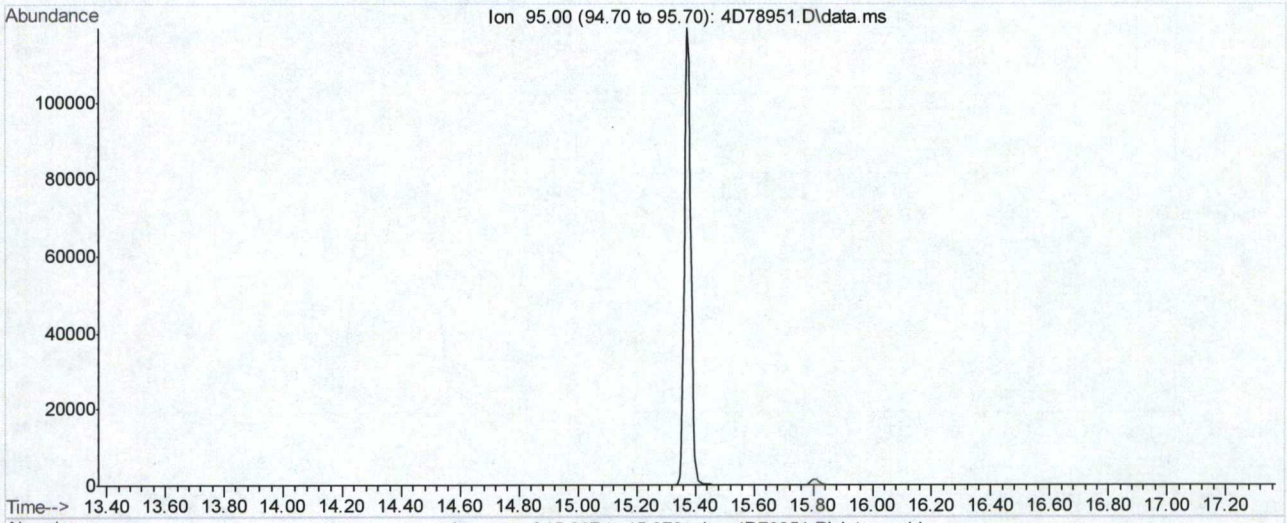
SGS ACCUTEST JC43354

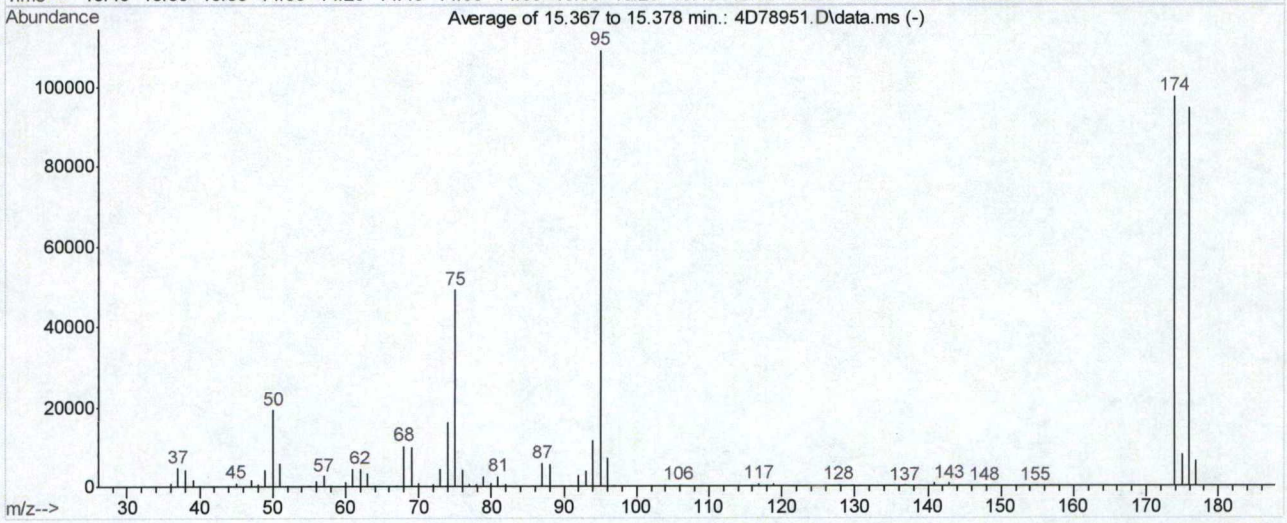
SW-846 Method 8260

Data File : C:\msdchem\1\data\4D78951.D
Acq On : 9 May 2017 5:57 pm
Sample : BFB
Misc : MS15522,V4D3413,5,,,,1
MS Integration Params: rteint.p

Vial: 1
Operator: XimenaC
Inst : MS4D
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\M4D3413.M (RTE Integrator)
Title : SW846 8260C, DB-624 60 m x 0.25 mm x 1.4 um





AutoFind: Scans 2285, 2286, 2287; Background Corrected with Scan 2277

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.6	19237	PASS
75	95	30	60	45.0	49171	PASS
95	95	100	100	100.0	109227	PASS
96	95	5	9	6.7	7270	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	89.1	97360	PASS
175	174	5	9	8.3	8079	PASS
176	174	95	101	97.1	94515	PASS
177	176	5	9	6.9	6533	PASS

4D78951.D M4D3413.M Wed May 10 12:29:33 2017 RPT1

Average of 15.367 to 15.378 min.: 4D78951.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	972	49.00	4293	63.00	3246	77.00	699
37.00	4888	50.05	19237	64.00	349	77.95	534
38.05	4221	51.00	5784	67.00	370	78.90	2502
39.10	1699	52.05	257	68.00	10414	79.95	725
40.00	156	55.05	359	69.00	10133	80.90	2542
41.10	52	56.00	1470	70.00	758	81.90	546
43.00	17	57.00	2709	72.05	542	86.00	139
44.00	331	58.00	158	73.00	4408	87.00	6020
45.05	889	60.00	997	74.00	16242	88.00	5580
47.00	1717	61.00	4530	75.00	49171	91.00	334
48.00	663	62.00	4565	76.00	4072	92.00	2716

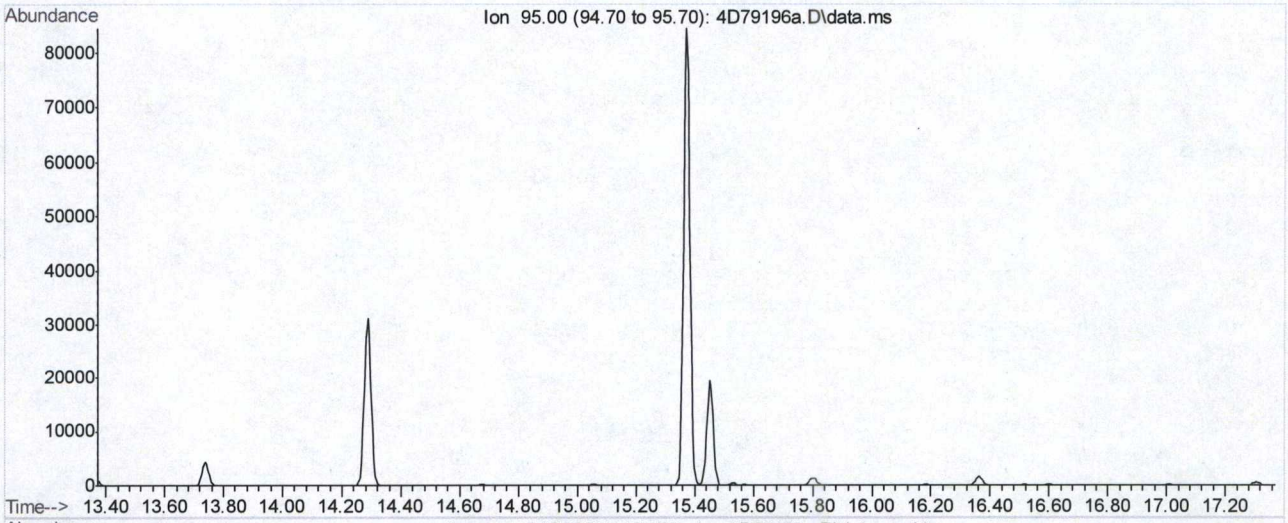
Average of 15.367 to 15.378 min.: 4D78951.D\data.ms
BFB
Modified:subtracted

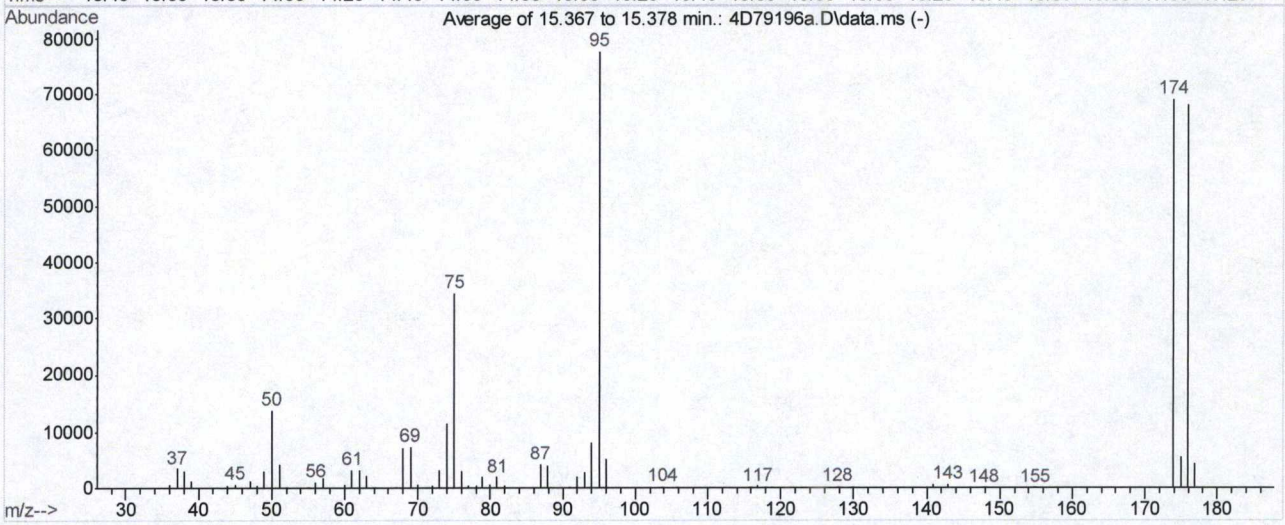
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
93.00	4016	117.90	352	154.85	242		
94.00	11853	118.90	486	156.90	196		
95.00	109227	127.85	379	173.90	97360		
96.00	7270	128.80	54	175.00	8079		
97.00	227	129.85	359	175.90	94515		
103.90	383	130.90	52	176.90	6533		
104.90	121	134.90	63	177.90	134		
105.90	430	136.90	185				
115.00	52	140.90	820				
115.90	343	142.90	835				
116.90	586	147.85	238				

SW-846 Method 8260

Data File : C:\msdchem\1\data\4D79196a.D Vial: 28
Acq On : 17 May 2017 7:49 pm Operator: BridgetK
Sample : bfb Inst : MS4D
Misc : MS15947,V4D3423,5,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\M4D3413.M (RTE Integrator)
Title : SW846 8260C, DB-624 60 m x 0.25 mm x 1.4 um





AutoFind: Scans 2285, 2286, 2287; Background Corrected with Scan 2277

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.8	13819	PASS
75	95	30	60	44.3	34435	PASS
95	95	100	100	100.0	77696	PASS
96	95	5	9	6.8	5277	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	88.9	69107	PASS
175	174	5	9	8.1	5604	PASS
176	174	95	101	98.4	67976	PASS
177	176	5	9	6.6	4464	PASS

4D79196a.D M4D3413.M Thu May 18 13:31:27 2017 RPT1

7.6.2

7

Average of 15.367 to 15.378 min.: 4D79196a.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	702	51.05	4257	68.00	7213	79.95	590
37.05	3552	52.05	206	69.00	7402	80.90	1914
38.05	3030	55.00	242	70.00	521	81.90	421
39.00	1157	56.00	1087	71.95	398	86.95	4256
40.00	29	57.00	1827	73.00	3161	87.95	4017
43.95	328	60.00	680	74.00	11504	90.95	276
45.00	650	61.00	3260	75.00	34435	92.00	1927
47.00	1208	62.00	3152	76.00	2970	93.00	2882
48.00	429	63.00	2290	76.95	467	94.00	8117
49.00	3013	64.05	212	78.00	445	95.00	77696
50.00	13819	67.05	250	78.90	2018	96.00	5277

Average of 15.367 to 15.378 min.: 4D79196a.D\data.ms
bfb
Modified:subtracted

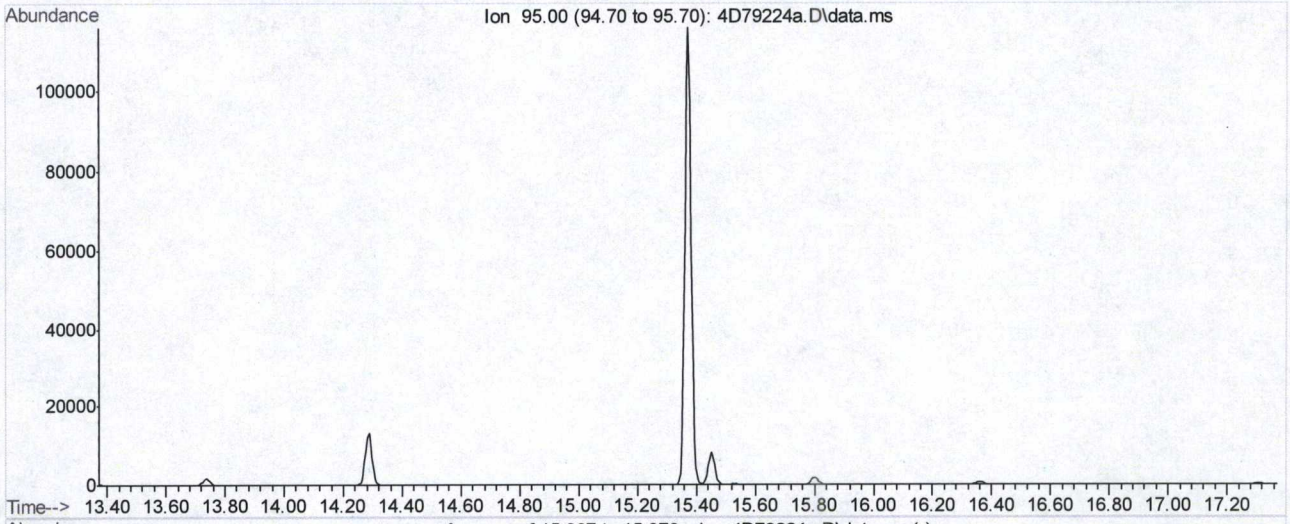
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
97.00	59	140.90	556				
103.85	297	142.90	615				
104.90	54	147.90	172				
105.85	293	154.90	127				
115.90	244	156.90	50				
116.90	392	173.90	69107				
117.90	262	175.00	5604				
118.85	293	175.90	67976				
127.85	256	176.90	4464				
128.90	54	177.90	51				
129.90	246						

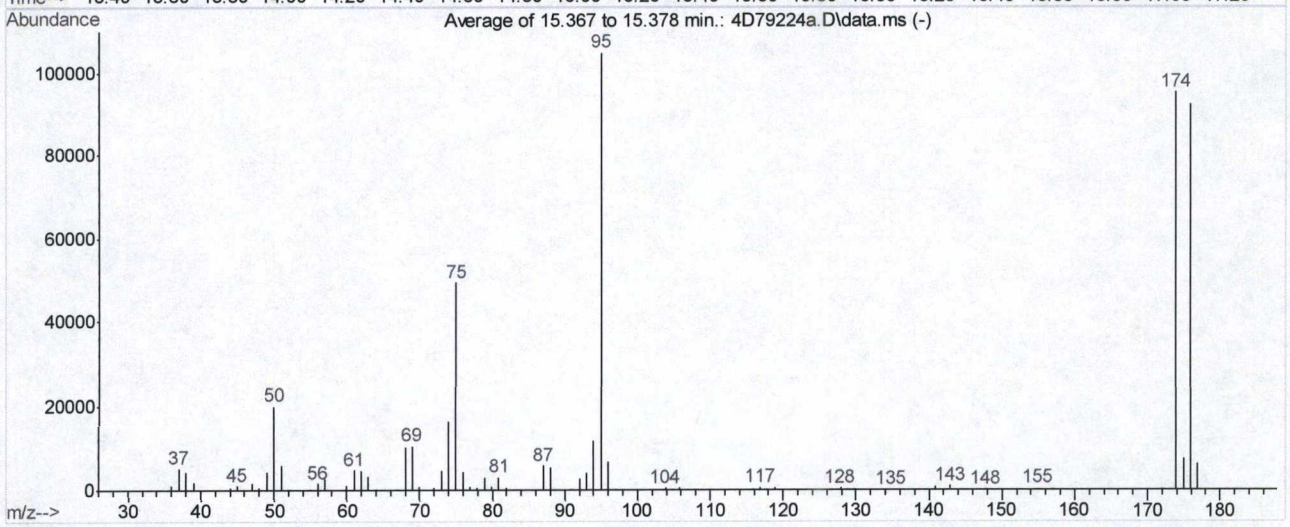
SW-846 Method 8260

Data File : C:\msdchem\1\data\4D79224a.D
Acq On : 18 May 2017 9:14 am
Sample : bfb
Misc : MS16090,V4D3424,5,,,,1
MS Integration Params: rteint.p

Vial: 3
Operator: BridgetK
Inst : MS4D
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\M4D3413.M (RTE Integrator)
Title : SW846 8260C, DB-624 60 m x 0.25 mm x 1.4 um





AutoFind: Scans 2285, 2286, 2287; Background Corrected with Scan 2277

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.0	19891	PASS
75	95	30	60	47.1	49339	PASS
95	95	100	100	100.0	104848	PASS
96	95	5	9	6.5	6775	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	90.9	95304	PASS
175	174	5	9	8.0	7637	PASS
176	174	95	101	96.9	92320	PASS
177	176	5	9	6.8	6268	PASS

4D79224a.D M4D3413.M Fri May 19 10:21:27 2017 RPT1

Average of 15.367 to 15.378 min.: 4D79224a.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	1001	51.05	5885	68.00	10236	79.90	847
37.05	5163	52.00	274	69.00	10510	80.90	3039
38.05	4391	54.95	292	70.00	726	81.90	644
39.05	1763	56.00	1542	72.00	587	85.90	111
40.00	44	57.00	2726	73.00	4443	87.00	5848
44.00	497	60.00	988	74.00	16491	88.00	5355
45.00	1061	61.00	4772	75.00	49339	90.95	410
47.00	1579	62.00	4475	76.00	4219	92.00	2609
48.00	654	63.00	3262	76.95	695	93.00	4052
49.00	4364	64.00	309	77.95	541	94.00	11733
50.00	19891	66.95	204	78.90	3057	95.00	104848

Average of 15.367 to 15.378 min.: 4D79224a.D\data.ms
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
96.00	6775	129.85	348	173.90	95304		
97.00	222	130.85	122	174.95	7637		
103.90	481	134.90	138	175.90	92320		
104.90	162	136.90	135	176.90	6268		
105.85	415	140.90	909	177.90	124		
115.90	373	142.90	960				
116.90	646	145.85	110				
117.85	371	147.85	233				
118.90	483	154.90	274				
127.85	412	156.85	201				
128.90	196	172.00	174				