National Functional Guidelines Report # 17

11:57 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) **SDG** Y4FR4 **Case** 37947 **Contract** EPW05030 **Region** 9 **DDTID** 65388 **SOW** SOM01.2

Continuing Calibration Data Summary

VOA_Low_Med 1A Continuing_Calibration_Verification InstrumentID=V5 Column=DB-624 HeatedPurge=No

		RRF-050 VSTD0505R V5K2129.D 10/22/2008 21:10:00					
		Lab			NFG Calculated		
Compound	**Peak ID**	**RRF**	**Avg RRF**	**% D**	**RRF**	**Avg RRF**	**%D**
Dichlorodifluoromethane	85	0.4309437	0.505	-14.7	0.431	0.505	-14.7
Chloromethane	50	0.6375171	0.617	3.4	0.638	0.617	3.4
Vinyl chloride	62	0.4353818	0.462	-5.8	0.435	0.462	-5.8
Bromomethane	94	0.3724938	0.376	-0.9	0.372	0.376	-0.9
Chloroethane	64	0.2915329	0.277	5.3	0.292	0.277	5.3
Trichlorofluoromethane	101	0.7403826	0.733	1.0	0.740	0.733	1.0
1,1-Dichloroethene	96	0.4076153	0.407	0.2	0.408	0.407	0.2
1,1,2-Trichloro-1,2,2-trifluoroethane	101	0.4053954	0.418	-3.1	0.405	0.418	-3.1
Acetone	43	0.1403167	0.172	-18.6	0.140	0.172	-18.6
Carbon disulfide	76	1.4414699	1.374	4.9	1.441	1.374	4.9
Methyl acetate	43	0.3414354	0.338	1.0	0.341	0.338	1.0
Methylene chloride	84	0.4726158	0.442	6.9	0.473	0.442	6.9
trans-1,2-Dichloroethene	96	0.4411611	0.421	4.8	0.441	0.421	4.8
Methyl tert-butyl ether	73	1.0527169	1.017	3.5	1.053	1.017	3.5
1,1-Dichloroethane	63	0.8491215	0.779	9.0	0.849	0.779	9.0
cis-1,2-Dichloroethene	96	0.431388	0.400	7.8	0.431	0.400	7.8
2-Butanone	43	0.232462	0.229	1.5	0.232	0.229	1.5
Bromochloromethane	128	0.1963445	0.184	6.5	0.196	0.184	6.5
Chloroform	83	0.835287	0.758	10.2	0.835	0.758	10.2
1,1,1-Trichloroethane	97	0.7397554	0.728	1.6	0.740	0.728	1.6
Cyclohexane	56	0.5611201	0.607	-7.5	0.561	0.607	-7.5
Carbon tetrachloride	117	0.6032667	0.596	1.2	0.603	0.596	1.2
Benzene	78	1.7589876	1.697	3.6	1.759	1.697	3.6
1,2-Dichloroethane	62	0.6732514	0.608	10.6	0.673	0.608	10.6
1,4-Dioxane	88	0.0058713	0.005	6.8	0.006	0.005	6.8

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Continuing Calibration Data Summary

VOA_Low_Med 1B Continuing_Calibration_Verification InstrumentID=V5 Column=DB-624 HeatedPurge=No

		RRF-050 VSTD0505R V5K2129.D 10/22/2008 21:10:00					
		Lab			NFG Calculated		
Compound	**Peak ID**	**RRF**	**Avg RRF**	**% D**	**RRF**	**Avg RRF**	**%D**
Trichloroethene	95	0.4314433	0.420	2.8	0.431	0.420	2.8
Methylcyclohexane	83	0.4294154	0.462	-7.0	0.429	0.462	-7.0
1,2-Dichloropropane	63	0.4842505	0.483	0.2	0.484	0.483	0.2
Bromodichloromethane	83	0.708114	0.681	3.9	0.708	0.681	3.9
cis-1,3-Dichloropropene	75	0.7800332	0.758	2.9	0.780	0.758	2.9
4-Methyl-2-pentanone	43	0.4913969	0.465	5.7	0.491	0.465	5.7
Toluene	91	1.6546931	1.568	5.5	1.655	1.568	5.5
trans-1,3-Dichloropropene	75	0.730936	0.673	8.7	0.731	0.673	8.7
1,1,2-Trichloroethane	97	0.3785566	0.357	6.1	0.379	0.357	6.1
Tetrachloroethene	164	0.3076282	0.296	3.9	0.308	0.296	3.9
2-Hexanone	43	0.3620353	0.373	-2.9	0.362	0.373	-2.9
Dibromochloromethane	129	0.4219233	0.402	5.0	0.422	0.402	5.0
1,2-Dibromoethane	107	0.4020552	0.388	3.6	0.402	0.388	3.6
Chlorobenzene	112	1.0470656	1.046	0.1	1.047	1.046	0.1
Ethylbenzene	91	1.8964874	1.736	9.2	1.896	1.736	9.2
o-Xylene	106	0.6869704	0.620	10.7	0.687	0.620	10.7
m,p-Xylene	106	0.6986051	0.631	10.7	0.699	0.631	10.7
Styrene	104	1.0973181	0.979	12.1	1.097	0.979	12.1
Bromoform	173	0.5238741	0.516	1.4	0.524	0.516	1.4
Isopropylbenzene	105	1.6947416	1.518	11.6	1.695	1.518	11.6
1,1,2,2-Tetrachloroethane	83	0.4825369	0.469	2.8	0.483	0.469	2.8
1,3-Dichlorobenzene	146	1.477043	1.309	12.8	1.477	1.309	12.8
1,4-Dichlorobenzene	146	1.6760412	1.585	5.7	1.676	1.585	5.7
1,2-Dichlorobenzene	146	1.5150605	1.405	7.8	1.515	1.405	7.8
1,2-Dibromo-3-chloropropane	75	0.139479	0.130	7.5	0.139	0.130	7.5

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Continuing Calibration Data Summary

VOA_Low_Med 1B Continuing_Calibration_Verification InstrumentID=V5 Column=DB-624 HeatedPurge=No

		RRF-050 VSTD0505R V5K2129.D 10/22/2008 21:10:00					
		Lab			NFG Calculated		
Compound	**Peak ID**	**RRF**	**Avg RRF**	**% D**	**RRF**	**Avg RRF**	**%D**
1,2,4-Trichlorobenzene	180	0.9673997	0.879	10.0	0.967	0.879	10.0
1,2,3-Trichlorobenzene	180	0.772614	0.745	3.8	0.773	0.745	3.8

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Continuing Calibration Data Summary

VOA_Low_Med 6C Continuing_Calibration_Verification InstrumentID=V5 Column=DB-624 HeatedPurge=No

		RRF-050 VSTD0505R V5K2129.D 10/22/2008 21:10:00					
		Lab			NFG Calculated		
Compound	**Peak ID**	**RRF**	**Avg RRF**	**% D**	**RRF**	**Avg RRF**	**%D**
Vinyl chloride-d3	65	0.5457526	0.579	-5.7	0.546	0.579	-5.7
Chloroethane-d5	69	0.4136836	0.440	-5.9	0.414	0.440	-5.9
1,1-Dichloroethene-d2	100	0.1791884	0.167	7.4	0.179	0.167	7.4
2-Butanone-d5	46	0.2468581	0.250	-1.4	0.247	0.250	-1.4
Chloroform-d	84	0.9381591	0.847	10.8	0.938	0.847	10.8
1,2-Dichloroethane-d4	65	0.523729	0.502	4.4	0.524	0.502	4.4
Benzene-d6	84	1.7365815	1.722	0.8	1.737	1.722	0.8
1,2-Dichloropropane-d6	67	0.5055105	0.525	-3.6	0.506	0.525	-3.6
Toluene-d8	98	1.4526257	1.381	5.2	1.453	1.381	5.2
trans-1,3-Dichloropropene-d4	79	0.5593103	0.536	4.4	0.559	0.536	4.4
2-Hexanone-d5	63	0.1958803	0.220	-11.1	0.196	0.220	-11.1
1,4-Dioxane-d8	96	0.0050394	0.007	-23.1	0.005	0.007	-23.1
1,1,2,2-Tetrachloroethane-d2	84	0.4741778	0.459	3.4	0.474	0.459	3.4
1,2-Dichlorobenzene-d4	152	0.9580304	0.909	5.3	0.958	0.909	5.3

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Continuing Calibration Data Summary

VOA_Low_Med 9Z Continuing_Calibration_Verification InstrumentID=V5 Column=DB-624 HeatedPurge=No

		RRF-050 VSTD0505R V5K2129.D 10/22/2008 21:10:00					
		Lab			NFG Calculated		
Compound	**Peak ID**	**RRF**	**Avg RRF**	**% D**	**RRF**	**Avg RRF**	**%D**
Hexane	57	0.4466942	0.491	-9.1	0.447	0.491	-9.1
Isopropanol	45	0.0313288	0.034	-7.6	0.031	0.034	-7.6