Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF071818\
Data File : VF059519.D
Acq On : 18 Jul 2018 18:04
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Jul 19 05:08:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	107	-0.03
2	T	Dichlorodifluoromethane	0.613	0.569	7.2	114	0.00
3	P	Chloromethane	0.337	0.285	15.4	109	0.00
4	C	Vinyl Chloride	0.340	0.330	2.9#	115	0.00
5	T	Bromomethane	0.236	0.237	-0.4	126	0.00
6	T	Chloroethane	0.171	0.187	-9.4	130	-0.02
7	T	Trichlorofluoromethane	0.832	0.824	1.0	115	-0.06
8	T	Diethyl Ether	0.160	0.161	-0.6	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.352	0.373	-6.0	135	-0.03
10	T	Methyl Iodide	0.615	0.730	-18.7	143	-0.03
11	T	Tert butyl alcohol	0.036	0.040	-11.1	122	-0.02
12	CM	1,1-Dichloroethene	0.374	0.357	4.5#	122	-0.02
13	T	Acrolein	0.018	0.016	11.1	113	-0.02
14	T	Allyl chloride	0.467	0.597	-27.8#	155#	-0.02
15	T	Acrylonitrile	0.065	0.072	-10.8	118	-0.02
16	T	Acetone	0.130	0.175	-34.6#	140	-0.02
17	T	Carbon Disulfide	0.958	0.867	9.5	111	0.00
18	T	Methyl Acetate	0.271	0.231	14.8	94	-0.02
19	T	Methyl tert-butyl Ether	1.173	1.161	1.0	104	-0.02
20	T	Methylene Chloride	0.435	0.370	14.9	116	-0.04
21	T	trans-1,2-Dichloroethene	0.346	0.342	1.2	116	0.00
22	T	Diisopropyl ether	1.311	1.272	3.0	104	-0.03
23	T	Vinyl Acetate	0.766	0.772	-0.8	109	-0.04
24	P	1,1-Dichloroethane	0.810	0.841	-3.8	118	-0.03
25	T	2-Butanone	0.181	0.185	-2.2	107	-0.05
26	T	2,2-Dichloropropane	0.536	0.578	-7.8	118	-0.03
27	T	cis-1,2-Dichloroethene	0.402	0.445	-10.7	118	-0.03
28	T	Bromochloromethane	0.356	0.333	6.5	95	-0.03
29		Tetrahydrofuran	0.082	0.082	0.0	110	-0.05
30	C	Chloroform	1.170	1.162	0.7#	109	-0.03
31	T	Cyclohexane	0.419	0.476	-13.6	137	-0.03
32	T	1,1,1-Trichloroethane	0.760	0.899	-18.3	132	-0.03
33	S	1,2-Dichloroethane-d4	0.778	0.751	3.5	103	-0.03
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	-0.04
35	S	Dibromofluoromethane	0.433	0.432	0.2	100	-0.03
36	T	1,1-Dichloropropene	0.500	0.507	-1.4	111	-0.03
37	T	Ethyl Acetate	0.304	0.290	4.6	100	-0.05
38	T	Carbon Tetrachloride	0.574	0.684	-19.2	136	-0.02
39	T	Methylcyclohexane	0.380	0.431	-13.4	129	-0.03
40	TM	Benzene	0.971	1.001	-3.1	112	-0.03
41	T	Methacrylonitrile	0.144	0.143	0.7	107	-0.05
42	TM	1,2-Dichloroethane	0.638	0.686	-7.5	114	-0.03
43	T	Isopropyl Acetate	0.360	0.374	-3.9	109	-0.03
44	TM	Trichloroethene	0.359	0.358	0.3	110	-0.03
45	C	1,2-Dichloropropane	0.269	0.265	1.5#	103	-0.03

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.245	0.250	-2.0	107	-0.03
47	T	Bromodichloromethane	0.632	0.657	-4.0	108	-0.03
48	T	Methyl methacrylate	0.257	0.268	-4.3	108	-0.03
49	T	1,4-Dioxane	0.001	0.002	-100.0#	142	-0.06
50	S	Toluene-d8	1.091	1.059	2.9	97	-0.03
51	T	4-Methyl-2-Pentanone	0.255	0.255	0.0	102	-0.04
52	CM	Toluene	0.704	0.678	3.7#	108	-0.03
53	T	t-1,3-Dichloropropene	0.581	0.574	1.2	104	-0.03
54	T	cis-1,3-Dichloropropene	0.579	0.603	-4.1	107	-0.03
55	T	1,1,2-Trichloroethane	0.273	0.297	-8.8	111	-0.03
56	T	Ethyl methacrylate	0.338	0.365	-8.0	110	-0.02
57	T	1,3-Dichloropropane	0.482	0.476	1.2	107	-0.03
58	T	2-Chloroethyl Vinyl ether	0.030	0.028	6.7	103	-0.03
59	T	2-Hexanone	0.193	0.208	-7.8	106	-0.03
60	T	Dibromochloromethane	0.460	0.507	-10.2	113	-0.03
61	T	1,2-Dibromoethane	0.339	0.353	-4.1	112	-0.04
62	S	4-Bromofluorobenzene	0.572	0.599	-4.7	108	-0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	-0.03
64	T	Tetrachloroethene	0.372	0.361	3.0	111	-0.03
65	PM	Chlorobenzene	0.938	0.961	-2.5	115	-0.03
66	T	1,1,1,2-Tetrachloroethane	0.427	0.412	3.5	108	-0.02
67	C	Ethyl Benzene	1.669	1.651	1.1#	113	-0.03
68	T	m/p-Xylenes	0.589	0.583	1.0	113	-0.02
69	T	o-Xylene	0.627	0.626	0.2	113	-0.02
70	T	Styrene	0.964	0.942	2.3	111	-0.02
71	P	Bromoform	0.297	0.310	-4.4	110	-0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	-0.02
73	T	Isopropylbenzene	3.155	3.192	-1.2	114	-0.02
74	T	N-amyl acetate	1.010	0.966	4.4	105	-0.02
75	P	1,1,2,2-Tetrachloroethane	0.688	0.651	5.4	104	-0.02
76	T	1,2,3-Trichloropropane	0.562	0.563	-0.2	113	-0.02
77	T	Bromobenzene	0.884	0.849	4.0	108	-0.02
78	T	n-propylbenzene	3.619	3.708	-2.5	118	-0.02
79	T	2-Chlorotoluene	2.229	2.210	0.9	115	-0.02
80	T	1,3,5-Trimethylbenzene	2.644	2.719	-2.8	117	-0.02
81	T	trans-1,4-Dichloro-2-butene	0.257	0.243	5.4	109	-0.02
82	T	4-Chlorotoluene	2.498	2.473	1.0	112	0.00
83	T	tert-Butylbenzene	2.537	2.636	-3.9	115	-0.02
84	T	1,2,4-Trimethylbenzene	2.720	2.762	-1.5	116	-0.02
85	T	sec-Butylbenzene	3.227	3.396	-5.2	118	-0.02
86	T	p-Isopropyltoluene	2.808	2.971	-5.8	120	-0.02
87	T	1,3-Dichlorobenzene	1.517	1.525	-0.5	114	-0.02
88	T	1,4-Dichlorobenzene	1.495	1.499	-0.3	115	-0.02
89	T	n-Butylbenzene	2.628	2.924	-11.3	124	-0.02

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90 T	Hexachloroethane	0.638	0.713	-11.8	132	0.00
91 T	1,2-Dichlorobenzene	1.451	1.418	2.3	112	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.156	0.160	-2.6	113	0.00
93 T	1,2,4-Trichlorobenzene	0.882	1.058	-20.0	135	0.00
94 T	Hexachlorobutadiene	0.452	0.632	-39.8#	164#	0.00
95 T	Naphthalene	1.832	2.089	-14.0	125	0.00
96 T	1,2,3-Trichlorobenzene	0.797	0.955	-19.8	139	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6