Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD072518\
Data File : VD059601.D
Acq On : 25 Jul 2018 21:25
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jul 26 05:38:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	92	0.02
2	T	Dichlorodifluoromethane	0.638	0.552	13.5	92	0.02
3	P	Chloromethane	0.313	0.261	16.6	89	0.02
4	C	Vinyl Chloride	0.325	0.315	3.1#	91	0.01
5	T	Bromomethane	0.062	0.081	-30.6#	98	0.01
6	T	Chloroethane	0.095	0.183	-92.6#	102	0.02
7	T	Trichlorofluoromethane	0.555	0.653	-17.7	105	0.02
8	T	Diethyl Ether	0.098	0.105	-7.1	98	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.292	0.316	-8.2	100	0.02
10	T	Methyl Iodide	0.352	0.365	-3.7	92	0.03
11	T	Tert butyl alcohol	0.025	0.027	-8.0	101	0.02
12	CM	1,1-Dichloroethene	0.212	0.228	-7.5#	93	0.02
13	T	Acrolein	0.013	0.014	-7.7	108	0.02
14	T	Allyl chloride	0.514	0.517	-0.6	92	0.03
15	T	Acrylonitrile	0.054	0.063	-16.7	108	0.02
16	T	Acetone	0.095	0.090	5.3	88	0.01
17	T	Carbon Disulfide	0.842	0.838	0.5	90	0.02
18	T	Methyl Acetate	0.190	0.199	-4.7	102	0.02
19	T	Methyl tert-butyl Ether	0.710	1.019	-43.5#	141	0.02
20	T	Methylene Chloride	0.271	0.278	-2.6	104	0.02
21	T	trans-1,2-Dichloroethene	0.228	0.310	-36.0#	124	0.03
22	T	Diisopropyl ether	1.351	1.300	3.8	94	0.02
23	T	Vinyl Acetate	0.857	0.833	2.8	95	0.03
24	P	1,1-Dichloroethane	0.853	0.851	0.2	91	0.03
25	T	2-Butanone	0.145	0.136	6.2	96	0.02
26	T	2,2-Dichloropropane	0.873	0.847	3.0	92	0.02
27	T	cis-1,2-Dichloroethene	0.456	0.470	-3.1	97	0.02
28	T	Bromochloromethane	0.337	0.379	-12.5	101	0.03
29		Tetrahydrofuran	0.067	0.067	0.0	99	0.03
30	C	Chloroform	1.020	1.044	-2.4#	100	0.03
31	T	Cyclohexane	0.656	0.557	15.1	96	0.01
32	T	1,1,1-Trichloroethane	0.988	1.040	-5.3	97	0.02
33	S	1,2-Dichloroethane-d4	0.629	0.680	-8.1	101	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.02
35	S	Dibromofluoromethane	0.429	0.466	-8.6	94	0.02
36	T	1,1-Dichloropropene	0.502	0.546	-8.8	106	0.02
37	T	Ethyl Acetate	0.258	0.269	-4.3	96	0.02
38	T	Carbon Tetrachloride	0.687	0.744	-8.3	98	0.03
39	T	Methylcyclohexane	0.461	0.481	-4.3	95	0.02
40	TM	Benzene	1.029	1.076	-4.6	96	0.02
41	T	Methacrylonitrile	0.129	0.145	-12.4	109	0.03
42	TM	1,2-Dichloroethane	0.620	0.678	-9.4	98	0.02
43	T	Isopropyl Acetate	0.358	0.375	-4.7	95	0.02
44	TM	Trichloroethene	0.373	0.395	-5.9	94	0.02
45	C	1,2-Dichloropropane	0.288	0.300	-4.2#	97	0.01

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Quant Title : SW846 8260
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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.244	0.267	-9.4	101	0.02
47	T	Bromodichloromethane	0.582	0.654	-12.4	101	0.01
48	T	Methyl methacrylate	0.237	0.260	-9.7	97	0.01
49	T	1,4-Dioxane	0.002	0.002	0.0	98	0.02
50	S	Toluene-d8	0.973	0.978	-0.5	91	0.02
51	T	4-Methyl-2-Pentanone	0.239	0.248	-3.8	99	0.02
52	CM	Toluene	0.682	0.672	1.5#	91	0.02
53	T	t-1,3-Dichloropropene	0.525	0.539	-2.7	97	0.02
54	T	cis-1,3-Dichloropropene	0.521	0.557	-6.9	100	0.01
55	T	1,1,2-Trichloroethane	0.256	0.264	-3.1	95	0.02
56	T	Ethyl methacrylate	0.291	0.323	-11.0	100	0.02
57	T	1,3-Dichloropropane	0.407	0.426	-4.7	97	0.01
58	T	2-Chloroethyl Vinyl ether	0.137	0.140	-2.2	88	0.02
59	T	2-Hexanone	0.190	0.179	5.8	93	0.02
60	T	Dibromochloromethane	0.426	0.461	-8.2	99	0.01
61	T	1,2-Dibromoethane	0.304	0.325	-6.9	99	0.01
62	S	4-Bromofluorobenzene	0.438	0.468	-6.8	100	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.02
64	T	Tetrachloroethene	0.453	0.430	5.1	93	0.02
65	PM	Chlorobenzene	1.025	0.996	2.8	95	0.01
66	T	1,1,1,2-Tetrachloroethane	0.446	0.473	-6.1	106	0.01
67	C	Ethyl Benzene	1.762	1.810	-2.7#	102	0.01
68	T	m/p-Xylenes	0.588	0.557	5.3	97	0.01
69	T	o-Xylene	0.571	0.520	8.9	92	0.01
70	T	Styrene	0.947	0.880	7.1	95	0.01
71	P	Bromoform	0.363	0.373	-2.8	98	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.01
73	T	Isopropylbenzene	3.532	3.269	7.4	101	0.01
74	T	N-amyl acetate	1.210	1.162	4.0	101	0.01
75	P	1,1,2,2-Tetrachloroethane	0.721	0.717	0.6	100	0.01
76	T	1,2,3-Trichloropropane	0.827	0.811	1.9	97	0.01
77	T	Bromobenzene	1.034	0.983	4.9	95	0.01
78	T	n-propylbenzene	4.292	3.986	7.1	96	0.01
79	T	2-Chlorotoluene	2.559	2.479	3.1	99	0.01
80	T	1,3,5-Trimethylbenzene	2.789	2.613	6.3	97	0.01
81	T	trans-1,4-Dichloro-2-butene	0.211	0.200	5.2	95	0.01
82	T	4-Chlorotoluene	2.894	2.844	1.7	101	0.00
83	T	tert-Butylbenzene	3.140	2.975	5.3	97	0.01
84	T	1,2,4-Trimethylbenzene	2.965	2.861	3.5	98	0.01
85	T	sec-Butylbenzene	3.588	3.108	13.4	90	0.00
86	T	p-Isopropyltoluene	3.024	2.852	5.7	98	0.00
87	T	1,3-Dichlorobenzene	1.749	1.621	7.3	94	0.01
88	T	1,4-Dichlorobenzene	1.685	1.564	7.2	92	0.01
89	T	n-Butylbenzene	2.919	2.671	8.5	94	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.808	0.830	-2.7	102	0.01
91 T	1,2-Dichlorobenzene	1.467	1.333	9.1	95	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.145	0.151	-4.1	102	0.01
93 T	1,2,4-Trichlorobenzene	1.215	1.126	7.3	94	0.01
94 T	Hexachlorobutadiene	0.959	0.938	2.2	98	0.01
95 T	Naphthalene	1.728	1.695	1.9	103	0.01
96 T	1,2,3-Trichlorobenzene	1.100	1.037	5.7	98	0.01

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