Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF102618\
Data File : VF060515.D
Acq On : 26 Oct 2018 13:03
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Oct 27 02:08:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 26 02:17:41 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	154#	0.00
2	T	Dichlorodifluoromethane	1.359	1.018	25.1#	131	0.01
3	P	Chloromethane	0.632	0.630	0.3	172#	0.00
4	C	Vinyl Chloride	0.729	0.729	0.0	165#	0.00
5	T	Bromomethane	0.734	0.607	17.3	134	0.00
6	T	Chloroethane	0.452	0.408	9.7	147	0.00
7	T	Trichlorofluoromethane	2.334	1.955	16.2	129	0.00
8	T	Diethyl Ether	0.218	0.220	-0.9	162#	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.989	0.902	8.8	151#	0.00
10	T	Methyl Iodide	1.397	1.326	5.1	155#	-0.05
11	T	Tert butyl alcohol	0.052	0.046	11.5	161#	0.00
12	CM	1,1-Dichloroethene	0.712	0.689	3.2#	158#	0.00
13	T	Acrolein	0.044	0.039	11.4	140	0.00
14	T	Allyl chloride	1.139	1.117	1.9	159#	0.00
15	T	Acrylonitrile	0.080	0.093	-16.2	206#	0.00
16	T	Acetone	0.232	0.222	4.3	171#	0.00
17	T	Carbon Disulfide	1.950	1.867	4.3	167#	0.00
18	T	Methyl Acetate	0.326	0.342	-4.9	167#	0.00
19	T	Methyl tert-butyl Ether	1.782	1.655	7.1	144	0.00
20	T	Methylene Chloride	0.710	0.654	7.9	165#	0.00
21	T	trans-1,2-Dichloroethene	0.679	0.684	-0.7	170#	0.00
22	T	Diisopropyl ether	2.021	2.107	-4.3	164#	0.00
23	T	Vinyl Acetate	0.639	0.704	-10.2	175#	0.00
24	P	1,1-Dichloroethane	1.541	1.513	1.8	155#	0.00
25	T	2-Butanone	0.176	0.215	-22.2	208#	0.00
26	T	2,2-Dichloropropane	1.019	0.977	4.1	150#	0.00
27	T	cis-1,2-Dichloroethene	0.648	0.746	-15.1	177#	0.00
28	T	Bromochloromethane	0.453	0.394	13.0	143	0.00
29		Tetrahydrofuran	0.069	0.077	-11.6	196#	-0.03
30	C	Chloroform	1.777	1.767	0.6#	158#	0.00
31	T	Cyclohexane	0.761	0.878	-15.4	197#	0.00
32	T	1,1,1-Trichloroethane	1.641	1.581	3.7	151#	0.00
33	S	1,2-Dichloroethane-d4	0.994	0.857	13.8	132	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	158#	0.00
35	S	Dibromofluoromethane	0.599	0.527	12.0	141	0.00
36	T	1,1-Dichloropropene	0.740	0.761	-2.8	174#	0.00
37	T	Ethyl Acetate	0.243	0.237	2.5	170#	0.00
38	T	Carbon Tetrachloride	1.120	1.148	-2.5	164#	0.00
39	T	Methylcyclohexane	0.604	0.701	-16.1	196#	0.00
40	TM	Benzene	1.218	1.397	-14.7	195#	0.00
41	T	Methacrylonitrile	0.124	0.133	-7.3	176#	-0.02
42	TM	1,2-Dichloroethane	0.787	0.762	3.2	152#	0.00
43	T	Isopropyl Acetate	0.255	0.276	-8.2	180#	0.00
44	TM	Trichloroethene	0.425	0.467	-9.9	186#	0.00
45	C	1,2-Dichloropropane	0.308	0.320	-3.9#	171#	0.00

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.289	0.280	3.1	157#	0.00
47	T	Bromodichloromethane	0.812	0.754	7.1	147	0.00
48	T	Methyl methacrylate	0.192	0.194	-1.0	156#	0.00
49	T	1,4-Dioxane	0.002	0.002	0.0	216#	-0.02
50	S	Toluene-d8	1.203	1.115	7.3	148	0.00
51	T	4-Methyl-2-Pentanone	0.199	0.206	-3.5	164#	0.00
52	CM	Toluene	0.801	0.901	-12.5#	190#	0.00
53	T	t-1,3-Dichloropropene	0.601	0.562	6.5	148	0.00
54	T	cis-1,3-Dichloropropene	0.619	0.657	-6.1	166#	0.00
55	T	1,1,2-Trichloroethane	0.253	0.276	-9.1	165#	0.00
56	T	Ethyl methacrylate	0.270	0.308	-14.1	182#	0.00
57	T	1,3-Dichloropropane	0.444	0.464	-4.5	169#	0.00
58	T	2-Chloroethyl Vinyl ether	0.037	0.035	5.4	145	0.00
59	T	2-Hexanone	0.148	0.156	-5.4	177#	0.00
60	T	Dibromochloromethane	0.481	0.474	1.5	152#	0.00
61	T	1,2-Dibromoethane	0.301	0.308	-2.3	157#	0.00
62	S	4-Bromofluorobenzene	0.670	0.546	18.5	130	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	140	0.00
64	T	Tetrachloroethene	0.421	0.466	-10.7	170#	0.00
65	PM	Chlorobenzene	1.051	1.218	-15.9	172#	0.00
66	T	1,1,1,2-Tetrachloroethane	0.544	0.592	-8.8	153#	0.00
67	C	Ethyl Benzene	2.147	2.285	-6.4#	155#	0.00
68	T	m/p-Xylenes	0.674	0.774	-14.8	165#	0.00
69	T	o-Xylene	0.756	0.881	-16.5	173#	0.00
70	T	Styrene	1.055	1.192	-13.0	170#	0.00
71	P	Bromoform	0.290	0.299	-3.1	153#	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	120	0.00
73	T	Isopropylbenzene	3.972	4.800	-20.8	154#	0.00
74	T	N-amyl acetate	0.705	0.920	-30.5#	170#	0.00
75	P	1,1,2,2-Tetrachloroethane	0.572	0.737	-28.8#	157#	0.00
76	T	1,2,3-Trichloropropane	0.500	0.541	-8.2	138	0.00
77	T	Bromobenzene	0.828	0.980	-18.4	152#	0.00
78	T	n-propylbenzene	4.644	5.407	-16.4	147	0.00
79	T	2-Chlorotoluene	2.814	3.193	-13.5	142	0.00
80	T	1,3,5-Trimethylbenzene	3.488	3.932	-12.7	144	0.00
81	T	trans-1,4-Dichloro-2-butene	0.210	0.242	-15.2	133	0.00
82	T	4-Chlorotoluene	2.973	3.316	-11.5	147	0.00
83	T	tert-Butylbenzene	3.524	4.155	-17.9	145	0.00
84	T	1,2,4-Trimethylbenzene	3.458	4.037	-16.7	149	0.00
85	T	sec-Butylbenzene	4.729	5.374	-13.6	146	0.00
86	T	p-Isopropyltoluene	4.017	4.524	-12.6	144	0.00
87	T	1,3-Dichlorobenzene	1.683	1.932	-14.8	152#	0.00
88	T	1,4-Dichlorobenzene	1.630	1.925	-18.1	149	0.00
89	T	n-Butylbenzene	4.273	4.648	-8.8	141	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	1.054	1.214	-15.2	144	0.00
91 T	1,2-Dichlorobenzene	1.614	1.826	-13.1	145	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.146	0.175	-19.9	138	0.00
93 T	1,2,4-Trichlorobenzene	1.314	1.437	-9.4	139	0.00
94 T	Hexachlorobutadiene	0.983	1.083	-10.2	133	0.00
95 T	Naphthalene	2.073	2.630	-26.9#	152#	0.00
96 T	1,2,3-Trichlorobenzene	1.209	1.405	-16.2	140	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5