Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
Data File : VD063648.D
Acq On : 16 Aug 2019 19:52
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 17 06:03:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
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	77	-0.03
2	T	Dichlorodifluoromethane	0.605	0.642	-6.1	83	0.00
3	P	Chloromethane	0.473	0.467	1.3	81	0.00
4	C	Vinyl Chloride	0.469	0.512	-9.2#	82	0.00
5	T	Bromomethane	0.221	0.271	-22.6#	88	-0.02
6	T	Chloroethane	0.215	0.234	-8.8	82	0.00
7	T	Trichlorofluoromethane	0.920	1.101	-19.7	89	0.00
8	T	Diethyl Ether	0.130	0.148	-13.8	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.543	0.582	-7.2	82	0.00
10	T	Methyl Iodide	0.769	0.798	-3.8	76	-0.02
11	T	Tert butyl alcohol	0.023	0.025	-8.7	82	-0.03
12	CM	1,1-Dichloroethene	0.404	0.419	-3.7#	75	-0.02
13	T	Acrolein	0.023	0.021	8.7	77	-0.02
14	T	Allyl chloride	0.607	0.667	-9.9	85	-0.02
15	T	Acrylonitrile	0.062	0.062	0.0	75	-0.02
16	T	Acetone	0.109	0.094	13.8	60	-0.02
17	T	Carbon Disulfide	1.275	1.300	-2.0	79	-0.02
18	T	Methyl Acetate	0.206	0.221	-7.3	90	0.00
19	T	Methyl tert-butyl Ether	0.808	0.917	-13.5	85	-0.02
20	T	Methylene Chloride	0.470	0.427	9.1	74	-0.02
21	T	trans-1,2-Dichloroethene	0.425	0.468	-10.1	80	-0.02
22	T	Diisopropyl ether	1.253	1.318	-5.2	80	-0.03
23	T	Vinyl Acetate	0.729	0.794	-8.9	83	-0.03
24	P	1,1-Dichloroethane	0.777	0.843	-8.5	83	-0.03
25	T	2-Butanone	0.107	0.106	0.9	74	-0.03
26	T	2,2-Dichloropropane	0.774	0.826	-6.7	82	-0.02
27	T	cis-1,2-Dichloroethene	0.465	0.497	-6.9	80	-0.03
28	T	Bromochloromethane	0.315	0.337	-7.0	80	-0.03
29		Tetrahydrofuran	0.050	0.055	-10.0	83	-0.02
30	C	Chloroform	0.966	1.106	-14.5#	88	-0.02
31	T	Cyclohexane	0.483	0.510	-5.6	77	-0.02
32	T	1,1,1-Trichloroethane	0.924	1.049	-13.5	86	-0.03
33	S	1,2-Dichloroethane-d4	0.534	0.570	-6.7	72	-0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	79	-0.03
35	S	Dibromofluoromethane	0.421	0.442	-5.0	70	-0.02
36	T	1,1-Dichloropropene	0.442	0.495	-12.0	83	-0.02
37	T	Ethyl Acetate	0.185	0.191	-3.2	78	-0.03
38	T	Carbon Tetrachloride	0.666	0.824	-23.7#	86	-0.02
39	T	Methylcyclohexane	0.376	0.413	-9.8	78	0.00
40	TM	Benzene	0.973	1.037	-6.6	78	-0.02
41	T	Methacrylonitrile	0.233	0.267	-14.6	84	-0.02
42	TM	1,2-Dichloroethane	0.489	0.552	-12.9	83	-0.02
43	T	Isopropyl Acetate	0.248	0.264	-6.5	80	-0.02
44	TM	Trichloroethene	0.372	0.407	-9.4	86	-0.02
45	C	1,2-Dichloropropane	0.227	0.255	-12.3#	86	-0.02

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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.193	0.219	-13.5	83	-0.02
47	T	Bromodichloromethane	0.496	0.593	-19.6	91	-0.02
48	T	Methyl methacrylate	0.168	0.187	-11.3	84	-0.02
49	T	1,4-Dioxane	0.001	0.002	-100.0#	82	-0.02
50	S	Toluene-d8	0.926	0.980	-5.8	68	-0.02
51	T	4-Methyl-2-Pentanone	0.170	0.186	-9.4	86	-0.02
52	CM	Toluene	0.627	0.699	-11.5#	88	-0.03
53	T	t-1,3-Dichloropropene	0.405	0.468	-15.6	86	-0.02
54	T	cis-1,3-Dichloropropene	0.457	0.480	-5.0	77	-0.02
55	T	1,1,2-Trichloroethane	0.212	0.236	-11.3	86	-0.03
56	T	Ethyl methacrylate	0.230	0.261	-13.5	83	-0.02
57	T	1,3-Dichloropropane	0.320	0.375	-17.2	88	-0.02
58	T	2-Chloroethyl Vinyl ether	0.121	0.143	-18.2	80	-0.02
59	T	2-Hexanone	0.124	0.131	-5.6	75	0.00
60	T	Dibromochloromethane	0.385	0.463	-20.3#	90	-0.02
61	T	1,2-Dibromoethane	0.256	0.291	-13.7	87	-0.02
62	S	4-Bromofluorobenzene	0.420	0.460	-9.5	79	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	79	-0.02
64	T	Tetrachloroethene	0.386	0.430	-11.4	87	-0.03
65	PM	Chlorobenzene	0.937	1.033	-10.2	86	-0.02
66	T	1,1,1,2-Tetrachloroethane	0.412	0.460	-11.7	86	-0.02
67	C	Ethyl Benzene	1.629	1.834	-12.6#	87	-0.02
68	T	m/p-Xylenes	0.572	0.665	-16.3	92	-0.02
69	T	o-Xylene	0.551	0.612	-11.1	86	0.00
70	T	Styrene	0.980	1.033	-5.4	84	0.00
71	P	Bromoform	0.283	0.325	-14.8	87	-0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
73	T	Isopropylbenzene	3.180	3.480	-9.4	81	0.00
74	T	N-amyl acetate	0.798	0.888	-11.3	83	0.00
75	P	1,1,2,2-Tetrachloroethane	0.528	0.577	-9.3	83	0.00
76	T	1,2,3-Trichloropropane	0.574	0.653	-13.8	86	0.00
77	T	Bromobenzene	0.869	0.996	-14.6	89	0.00
78	T	n-propylbenzene	3.721	4.070	-9.4	85	-0.02
79	T	2-Chlorotoluene	2.145	2.460	-14.7	90	0.00
80	T	1,3,5-Trimethylbenzene	2.779	3.049	-9.7	83	0.00
81	T	trans-1,4-Dichloro-2-butene	0.154	0.167	-8.4	82	0.00
82	T	4-Chlorotoluene	2.580	2.945	-14.1	88	0.00
83	T	tert-Butylbenzene	2.926	3.494	-19.4	92	0.00
84	T	1,2,4-Trimethylbenzene	2.571	2.876	-11.9	84	-0.02
85	T	sec-Butylbenzene	3.107	3.590	-15.5	93	0.00
86	T	p-Isopropyltoluene	2.971	3.256	-9.6	82	0.00
87	T	1,3-Dichlorobenzene	1.572	1.728	-9.9	86	0.00
88	T	1,4-Dichlorobenzene	1.508	1.698	-12.6	87	0.00
89	T	n-Butylbenzene	2.712	2.952	-8.8	87	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.747	0.888	-18.9	92	0.00
91 T	1,2-Dichlorobenzene	1.334	1.388	-4.0	82	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.108	-9.1	85	-0.02
93 T	1,2,4-Trichlorobenzene	0.982	1.175	-19.7	88	0.00
94 T	Hexachlorobutadiene	0.748	0.864	-15.5	87	0.00
95 T	Naphthalene	1.487	1.614	-8.5	84	0.00
96 T	1,2,3-Trichlorobenzene	0.793	0.949	-19.7	94	0.00

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