Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
Data File : VD063595.D
Acq On : 15 Aug 2019 1:17
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 15 12:05:00 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	90	-0.02
2	T	Dichlorodifluoromethane	0.605	0.536	11.4	81	0.00
3	P	Chloromethane	0.473	0.431	8.9	87	0.00
4	C	Vinyl Chloride	0.469	0.432	7.9#	81	-0.01
5	T	Bromomethane	0.221	0.238	-7.7	89	-0.01
6	T	Chloroethane	0.215	0.245	-14.0	99	0.00
7	T	Trichlorofluoromethane	0.920	0.935	-1.6	87	0.00
8	T	Diethyl Ether	0.130	0.139	-6.9	95	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.543	0.549	-1.1	90	-0.01
10	T	Methyl Iodide	0.769	0.812	-5.6	90	-0.01
11	T	Tert butyl alcohol	0.023	0.026	-13.0	99	-0.01
12	CM	1,1-Dichloroethene	0.404	0.390	3.5#	81	-0.01
13	T	Acrolein	0.023	0.023	0.0	100	-0.02
14	T	Allyl chloride	0.607	0.637	-4.9	94	-0.01
15	T	Acrylonitrile	0.062	0.073	-17.7	102	-0.01
16	T	Acetone	0.109	0.100	8.3	74	-0.01
17	T	Carbon Disulfide	1.275	1.243	2.5	88	-0.01
18	T	Methyl Acetate	0.206	0.229	-11.2	108	-0.01
19	T	Methyl tert-butyl Ether	0.808	0.968	-19.8	105	-0.01
20	T	Methylene Chloride	0.470	0.449	4.5	90	-0.01
21	T	trans-1,2-Dichloroethene	0.425	0.464	-9.2	92	-0.01
22	T	Diisopropyl ether	1.253	1.351	-7.8	95	-0.01
23	T	Vinyl Acetate	0.729	0.801	-9.9	97	-0.02
24	P	1,1-Dichloroethane	0.777	0.827	-6.4	95	-0.02
25	T	2-Butanone	0.107	0.115	-7.5	93	-0.02
26	T	2,2-Dichloropropane	0.774	0.772	0.3	88	-0.02
27	T	cis-1,2-Dichloroethene	0.465	0.481	-3.4	90	-0.01
28	T	Bromochloromethane	0.315	0.336	-6.7	92	-0.02
29		Tetrahydrofuran	0.050	0.055	-10.0	97	-0.01
30	C	Chloroform	0.966	1.008	-4.3#	94	-0.01
31	T	Cyclohexane	0.483	0.471	2.5	83	-0.01
32	T	1,1,1-Trichloroethane	0.924	0.953	-3.1	91	-0.01
33	S	1,2-Dichloroethane-d4	0.534	0.601	-12.5	88	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	-0.02
35	S	Dibromofluoromethane	0.421	0.447	-6.2	83	-0.01
36	T	1,1-Dichloropropene	0.442	0.431	2.5	85	-0.02
37	T	Ethyl Acetate	0.185	0.193	-4.3	92	-0.02
38	T	Carbon Tetrachloride	0.666	0.710	-6.6	87	-0.01
39	T	Methylcyclohexane	0.376	0.347	7.7	77	-0.01
40	TM	Benzene	0.973	1.028	-5.7	91	-0.01
41	T	Methacrylonitrile	0.233	0.260	-11.6	96	-0.01
42	TM	1,2-Dichloroethane	0.489	0.543	-11.0	96	-0.02
43	T	Isopropyl Acetate	0.248	0.283	-14.1	100	-0.02
44	TM	Trichloroethene	0.372	0.380	-2.2	94	-0.01
45	C	1,2-Dichloropropane	0.227	0.247	-8.8#	98	-0.01

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.193	0.228	-18.1	101	-0.01
47	T	Bromodichloromethane	0.496	0.547	-10.3	99	-0.01
48	T	Methyl methacrylate	0.168	0.189	-12.5	99	-0.01
49	T	1,4-Dioxane	0.001	0.002	-100.0#	96	-0.02
50	S	Toluene-d8	0.926	0.988	-6.7	81	-0.01
51	T	4-Methyl-2-Pentanone	0.170	0.206	-21.2#	112	-0.01
52	CM	Toluene	0.627	0.654	-4.3#	96	-0.02
53	T	t-1,3-Dichloropropene	0.405	0.448	-10.6	96	-0.01
54	T	cis-1,3-Dichloropropene	0.457	0.490	-7.2	92	-0.02
55	T	1,1,2-Trichloroethane	0.212	0.227	-7.1	96	-0.02
56	T	Ethyl methacrylate	0.230	0.261	-13.5	97	-0.02
57	T	1,3-Dichloropropane	0.320	0.349	-9.1	96	-0.02
58	T	2-Chloroethyl Vinyl ether	0.121	0.134	-10.7	88	-0.01
59	T	2-Hexanone	0.124	0.138	-11.3	92	-0.01
60	T	Dibromochloromethane	0.385	0.440	-14.3	99	-0.01
61	T	1,2-Dibromoethane	0.256	0.280	-9.4	98	-0.01
62	S	4-Bromofluorobenzene	0.420	0.431	-2.6	87	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	-0.01
64	T	Tetrachloroethene	0.386	0.388	-0.5	86	-0.02
65	PM	Chlorobenzene	0.937	1.044	-11.4	96	-0.01
66	T	1,1,1,2-Tetrachloroethane	0.412	0.447	-8.5	93	-0.01
67	C	Ethyl Benzene	1.629	1.611	1.1#	84	-0.01
68	T	m/p-Xylenes	0.572	0.630	-10.1	96	-0.01
69	T	o-Xylene	0.551	0.606	-10.0	94	-0.01
70	T	Styrene	0.980	1.042	-6.3	94	0.00
71	P	Bromoform	0.283	0.339	-19.8	100	-0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	-0.01
73	T	Isopropylbenzene	3.180	3.115	2.0	89	-0.01
74	T	N-amyl acetate	0.798	0.822	-3.0	94	-0.01
75	P	1,1,2,2-Tetrachloroethane	0.528	0.548	-3.8	96	-0.01
76	T	1,2,3-Trichloropropane	0.574	0.592	-3.1	95	0.00
77	T	Bromobenzene	0.869	0.860	1.0	94	-0.01
78	T	n-propylbenzene	3.721	3.328	10.6	85	-0.01
79	T	2-Chlorotoluene	2.145	2.070	3.5	93	0.00
80	T	1,3,5-Trimethylbenzene	2.779	2.686	3.3	90	-0.01
81	T	trans-1,4-Dichloro-2-butene	0.154	0.160	-3.9	96	-0.01
82	T	4-Chlorotoluene	2.580	2.572	0.3	94	-0.01
83	T	tert-Butylbenzene	2.926	3.028	-3.5	97	-0.01
84	T	1,2,4-Trimethylbenzene	2.571	2.624	-2.1	94	-0.01
85	T	sec-Butylbenzene	3.107	2.826	9.0	90	-0.01
86	T	p-Isopropyltoluene	2.971	2.854	3.9	87	0.00
87	T	1,3-Dichlorobenzene	1.572	1.424	9.4	86	-0.01
88	T	1,4-Dichlorobenzene	1.508	1.449	3.9	91	-0.01
89	T	n-Butylbenzene	2.712	2.406	11.3	86	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.747	0.756	-1.2	96	-0.01
91 T	1,2-Dichlorobenzene	1.334	1.297	2.8	93	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.110	-11.1	106	-0.01
93 T	1,2,4-Trichlorobenzene	0.982	0.990	-0.8	90	-0.01
94 T	Hexachlorobutadiene	0.748	0.712	4.8	87	0.00
95 T	Naphthalene	1.487	1.521	-2.3	97	-0.01
96 T	1,2,3-Trichlorobenzene	0.793	0.795	-0.3	96	-0.01

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