Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF052319\
Data File : VF062719.D
Acq On : 23 May 2019 10:16
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: May 24 02:21:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
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	106	-0.02
2	T	Dichlorodifluoromethane	0.680	0.585	14.0	90	0.00
3	P	Chloromethane	0.627	0.527	15.9	84	0.00
4	C	Vinyl Chloride	0.577	0.481	16.6#	80	0.00
5	T	Bromomethane	0.315	0.303	3.8	95	-0.02
6	T	Chloroethane	0.212	0.206	2.8	87	0.00
7	T	Trichlorofluoromethane	0.774	0.759	1.9	94	0.00
8	T	Diethyl Ether	0.153	0.133	13.1	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.493	0.475	3.7	94	0.00
10	T	Methyl Iodide	0.969	0.932	3.8	94	0.00
11	T	Tert butyl alcohol	0.023	0.021	8.7	97	-0.02
12	CM	1,1-Dichloroethene	0.449	0.403	10.2#	88	0.00
13	T	Acrolein	0.024	0.017	29.2#	66	-0.02
14	T	Allyl chloride	0.407	0.365	10.3	85	0.00
15	T	Acrylonitrile	0.066	0.056	15.2	94	-0.02
16	T	Acetone	0.092	0.100	-8.7	104	-0.02
17	T	Carbon Disulfide	1.331	1.181	11.3	84	-0.02
18	T	Methyl Acetate	0.144	0.117	18.7	87	0.00
19	T	Methyl tert-butyl Ether	0.803	0.761	5.2	93	-0.02
20	T	Methylene Chloride	0.459	0.446	2.8	102	-0.02
21	T	trans-1,2-Dichloroethene	0.439	0.445	-1.4	100	0.00
22	T	Diisopropyl ether	1.003	0.925	7.8	95	-0.02
23	T	Vinyl Acetate	0.676	0.621	8.1	92	-0.02
24	P	1,1-Dichloroethane	0.736	0.721	2.0	97	0.00
25	T	2-Butanone	0.196	0.193	1.5	95	-0.02
26	T	2,2-Dichloropropane	0.421	0.452	-7.4	106	-0.02
27	T	cis-1,2-Dichloroethene	0.722	0.720	0.3	100	-0.02
28	T	Bromochloromethane	0.413	0.353	14.5	98	-0.02
29		Tetrahydrofuran	0.079	0.070	11.4	94	-0.02
30	C	Chloroform	1.021	1.066	-4.4#	103	-0.02
31	T	Cyclohexane	0.988	0.901	8.8	90	0.00
32	T	1,1,1-Trichloroethane	0.678	0.683	-0.7	97	-0.02
33	S	1,2-Dichloroethane-d4	0.353	0.317	10.2	98	-0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	-0.02
35	S	Dibromofluoromethane	0.383	0.371	3.1	105	-0.02
36	T	1,1-Dichloropropene	0.512	0.523	-2.1	99	-0.02
37	T	Ethyl Acetate	0.209	0.176	15.8	91	-0.02
38	T	Carbon Tetrachloride	0.385	0.390	-1.3	89	-0.02
39	T	Methylcyclohexane	0.616	0.630	-2.3	97	-0.02
40	TM	Benzene	1.396	1.437	-2.9	103	-0.02
41	T	Methacrylonitrile	0.110	0.106	3.6	96	-0.02
42	TM	1,2-Dichloroethane	0.278	0.286	-2.9	98	-0.02
43	T	Isopropyl Acetate	0.271	0.227	16.2	90	-0.02
44	TM	Trichloroethene	0.392	0.410	-4.6	103	-0.02
45	C	1,2-Dichloropropane	0.352	0.349	0.9#	96	-0.02

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.204	0.207	-1.5	102	-0.02
47	T	Bromodichloromethane	0.423	0.448	-5.9	103	-0.02
48	T	Methyl methacrylate	0.142	0.117	17.6	82	-0.02
49	T	1,4-Dioxane	0.002	0.002	0.0	85	-0.02
50	S	Toluene-d8	0.914	0.853	6.7	101	-0.02
51	T	4-Methyl-2-Pentanone	0.185	0.166	10.3	98	-0.02
52	CM	Toluene	0.732	0.776	-6.0#	107	-0.02
53	T	t-1,3-Dichloropropene	0.346	0.351	-1.4	99	-0.02
54	T	cis-1,3-Dichloropropene	0.484	0.501	-3.5	103	-0.02
55	T	1,1,2-Trichloroethane	0.217	0.223	-2.8	107	-0.02
56	T	Ethyl methacrylate	0.258	0.229	11.2	98	-0.02
57	T	1,3-Dichloropropane	0.369	0.375	-1.6	104	-0.02
58	T	2-Chloroethyl Vinyl ether	0.084	0.082	2.4	100	-0.02
59	T	2-Hexanone	0.135	0.125	7.4	101	-0.01
60	T	Dibromochloromethane	0.282	0.302	-7.1	105	-0.02
61	T	1,2-Dibromoethane	0.230	0.239	-3.9	107	-0.02
62	S	4-Bromofluorobenzene	0.346	0.285	17.6	91	-0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	104	-0.02
64	T	Tetrachloroethene	0.396	0.403	-1.8	102	-0.02
65	PM	Chlorobenzene	0.982	1.027	-4.6	101	-0.02
66	T	1,1,1,2-Tetrachloroethane	0.394	0.421	-6.9	102	-0.02
67	C	Ethyl Benzene	1.706	1.704	0.1#	99	-0.02
68	T	m/p-Xylenes	0.641	0.664	-3.6	99	-0.02
69	T	o-Xylene	0.660	0.692	-4.8	103	-0.02
70	T	Styrene	1.004	0.985	1.9	97	-0.02
71	P	Bromoform	0.197	0.212	-7.6	110	-0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	-0.02
73	T	Isopropylbenzene	3.584	3.885	-8.4	97	-0.02
74	T	N-amyl acetate	1.106	0.929	16.0	89	-0.01
75	P	1,1,2,2-Tetrachloroethane	0.732	0.779	-6.4	95	0.00
76	T	1,2,3-Trichloropropane	0.481	0.476	1.0	87	-0.02
77	T	Bromobenzene	0.891	0.955	-7.2	91	0.00
78	T	n-propylbenzene	4.241	4.434	-4.6	91	-0.02
79	T	2-Chlorotoluene	2.390	2.615	-9.4	97	-0.02
80	T	1,3,5-Trimethylbenzene	2.873	3.070	-6.9	94	-0.02
81	T	trans-1,4-Dichloro-2-butene	0.214	0.246	-15.0	98	-0.02
82	T	4-Chlorotoluene	2.357	2.542	-7.8	93	-0.02
83	T	tert-Butylbenzene	2.915	3.231	-10.8	95	-0.02
84	T	1,2,4-Trimethylbenzene	2.781	3.026	-8.8	96	-0.02
85	T	sec-Butylbenzene	3.912	4.192	-7.2	94	-0.02
86	T	p-Isopropyltoluene	3.297	3.557	-7.9	95	0.00
87	T	1,3-Dichlorobenzene	1.612	1.689	-4.8	92	0.00
88	T	1,4-Dichlorobenzene	1.512	1.581	-4.6	92	0.00
89	T	n-Butylbenzene	3.251	3.377	-3.9	92	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.791	0.906	-14.5	95	0.00
91 T	1,2-Dichlorobenzene	1.437	1.543	-7.4	94	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.099	-13.8	101	-0.02
93 T	1,2,4-Trichlorobenzene	1.028	1.126	-9.5	98	-0.02
94 T	Hexachlorobutadiene	0.718	0.806	-12.3	99	-0.02
95 T	Naphthalene	1.868	1.825	2.3	91	-0.02
96 T	1,2,3-Trichlorobenzene	0.974	1.056	-8.4	95	0.00

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