Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
Data File : VF062516.D
Acq On : 12 May 2019 22:16
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: May 13 06:51:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 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	95	0.02
2	T	Dichlorodifluoromethane	0.579	0.536	7.4	101	0.02
3	P	Chloromethane	0.382	0.345	9.7	101	-0.01
4	C	Vinyl Chloride	0.381	0.361	5.2#	102	0.00
5	T	Bromomethane	0.322	0.301	6.5	102	-0.01
6	T	Chloroethane	0.191	0.207	-8.4	110	0.00
7	T	Trichlorofluoromethane	0.790	0.894	-13.2	111	0.00
8	T	Diethyl Ether	0.120	0.114	5.0	103	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.451	0.502	-11.3	112	0.00
10	T	Methyl Iodide	0.743	0.808	-8.7	110	0.00
11	T	Tert butyl alcohol	0.027	0.020	25.9#	76	0.00
12	CM	1,1-Dichloroethene	0.383	0.384	-0.3#	106	0.00
13	T	Acrolein	0.020	0.018	10.0	101	0.00
14	T	Allyl chloride	0.339	0.552	-62.8#	176#	0.02
15	T	Acrylonitrile	0.051	0.050	2.0	94	0.00
16	T	Acetone	0.096	0.084	12.5	83	0.00
17	T	Carbon Disulfide	0.836	0.761	9.0	95	0.00
18	T	Methyl Acetate	0.202	0.165	18.3	90	0.00
19	T	Methyl tert-butyl Ether	0.791	0.770	2.7	95	0.00
20	T	Methylene Chloride	0.346	0.346	0.0	106	-0.04
21	T	trans-1,2-Dichloroethene	0.365	0.369	-1.1	103	0.02
22	T	Diisopropyl ether	1.058	1.073	-1.4	94	0.00
23	T	Vinyl Acetate	0.472	0.459	2.8	86	0.02
24	P	1,1-Dichloroethane	0.640	0.702	-9.7	103	0.02
25	T	2-Butanone	0.120	0.105	12.5	82	0.00
26	T	2,2-Dichloropropane	0.357	0.467	-30.8#	126	0.03
27	T	cis-1,2-Dichloroethene	0.457	0.494	-8.1	105	0.03
28	T	Bromochloromethane	0.290	0.308	-6.2	92	0.03
29	T	Tetrahydrofuran	0.055	0.047	14.5	85	0.02
30	C	Chloroform	0.864	0.956	-10.6#	102	0.03
31	T	Cyclohexane	0.511	0.494	3.3	95	0.02
32	T	1,1,1-Trichloroethane	0.741	0.858	-15.8	108	0.03
33	S	1,2-Dichloroethane-d4	0.473	0.486	-2.7	89	0.03
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.02
35	S	Dibromofluoromethane	0.398	0.429	-7.8	95	0.03
36	T	1,1-Dichloropropene	0.430	0.442	-2.8	97	0.03
37	T	Ethyl Acetate	0.196	0.167	14.8	87	0.02
38	T	Carbon Tetrachloride	0.490	0.561	-14.5	115	0.03
39	T	Methylcyclohexane	0.431	0.430	0.2	91	0.03
40	TM	Benzene	0.946	0.922	2.5	94	0.03
41	T	Methacrylonitrile	0.103	0.093	9.7	87	0.00
42	TM	1,2-Dichloroethane	0.396	0.430	-8.6	99	0.02
43	T	Isopropyl Acetate	0.195	0.164	15.9	80	0.02
44	TM	Trichloroethene	0.347	0.375	-8.1	101	0.03
45	C	1,2-Dichloropropane	0.214	0.229	-7.0#	98	0.03

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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)
46	T	Dibromomethane	0.178	0.198	-11.2	104	0.03
47	T	Bromodichloromethane	0.444	0.514	-15.8	107	0.02
48	T	Methyl methacrylate	0.138	0.123	10.9	81	0.02
49	T	1,4-Dioxane	0.001	0.001	0.0	70	0.03
50	S	Toluene-d8	0.964	0.976	-1.2	90	0.03
51	T	4-Methyl-2-Pentanone	0.148	0.149	-0.7	94	0.02
52	CM	Toluene	0.583	0.617	-5.8#	102	0.03
53	T	t-1,3-Dichloropropene	0.336	0.342	-1.8	93	0.02
54	T	cis-1,3-Dichloropropene	0.391	0.398	-1.8	93	0.02
55	T	1,1,2-Trichloroethane	0.185	0.203	-9.7	100	0.02
56	T	Ethyl methacrylate	0.196	0.184	6.1	90	0.02
57	T	1,3-Dichloropropane	0.280	0.295	-5.4	99	0.02
58	T	2-Chloroethyl Vinyl ether	0.059	0.043	27.1#	72	0.02
59	T	2-Hexanone	0.102	0.098	3.9	90	0.02
60	T	Dibromochloromethane	0.303	0.341	-12.5	102	0.02
61	T	1,2-Dibromoethane	0.218	0.222	-1.8	93	0.03
62	S	4-Bromofluorobenzene	0.435	0.443	-1.8	99	0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.03
64	T	Tetrachloroethene	0.406	0.454	-11.8	110	0.02
65	PM	Chlorobenzene	0.827	0.915	-10.6	107	0.02
66	T	1,1,1,2-Tetrachloroethane	0.417	0.464	-11.3	106	0.02
67	C	Ethyl Benzene	1.449	1.559	-7.6#	104	0.02
68	T	m/p-Xylenes	0.534	0.592	-10.9	112	0.02
69	T	o-Xylene	0.578	0.647	-11.9	108	0.00
70	T	Styrene	0.866	0.938	-8.3	106	0.02
71	P	Bromoform	0.229	0.232	-1.3	95	0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	2.964	3.165	-6.8	113	0.02
74	T	N-amyl acetate	0.636	0.577	9.3	104	0.00
75	P	1,1,2,2-Tetrachloroethane	0.464	0.460	0.9	104	0.02
76	T	1,2,3-Trichloropropane	0.354	0.355	-0.3	110	0.02
77	T	Bromobenzene	0.778	0.783	-0.6	107	0.02
78	T	n-propylbenzene	3.156	3.165	-0.3	110	0.02
79	T	2-Chlorotoluene	1.962	1.980	-0.9	108	0.00
80	T	1,3,5-Trimethylbenzene	2.598	2.648	-1.9	110	0.00
81	T	trans-1,4-Dichloro-2-butene	0.133	0.123	7.5	105	0.00
82	T	4-Chlorotoluene	1.938	1.989	-2.6	111	0.00
83	T	tert-Butylbenzene	2.730	2.760	-1.1	107	0.00
84	T	1,2,4-Trimethylbenzene	2.543	2.629	-3.4	110	0.00
85	T	sec-Butylbenzene	3.323	3.527	-6.1	115	0.00
86	T	p-Isopropyltoluene	3.088	3.234	-4.7	114	0.02
87	T	1,3-Dichlorobenzene	1.421	1.448	-1.9	114	0.02
88	T	1,4-Dichlorobenzene	1.371	1.448	-5.6	112	0.00
89	T	n-Butylbenzene	2.747	2.878	-4.8	116	0.00

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90 T	Hexachloroethane	0.771	0.802	-4.0	110	0.02
91 T	1,2-Dichlorobenzene	1.375	1.418	-3.1	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.096	7.7	100	0.00
93 T	1,2,4-Trichlorobenzene	1.233	1.264	-2.5	110	0.00
94 T	Hexachlorobutadiene	0.919	0.998	-8.6	115	0.00
95 T	Naphthalene	1.854	1.904	-2.7	107	0.00
96 T	1,2,3-Trichlorobenzene	1.195	1.238	-3.6	109	0.00

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