Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF071018\

Evaluate Continuing Calibration Report

Data File : VF059479.D
Acq On : 10 Jul 2018 12:25
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Jul 12 01:44:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 06:35:36 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	122	0.00
2	T	Dichlorodifluoromethane	0.704	0.616	12.5	102	0.00
3	P	Chloromethane	0.347	0.339	2.3	121	0.00
4	C	Vinyl Chloride	0.363	0.365	-0.6#	126	0.00
5	T	Bromomethane	0.278	0.248	10.8	120	0.00
6	T	Chloroethane	0.191	0.193	-1.0	127	0.00
7	T	Trichlorofluoromethane	0.770	0.795	-3.2	113	0.05
8	T	Diethyl Ether	0.162	0.157	3.1	116	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.417	0.362	13.2	102	0.00
10	T	Methyl Iodide	0.777	0.730	6.0	114	0.00
11	T	Tert butyl alcohol	0.040	0.035	12.5	96	0.00
12	CM	1,1-Dichloroethene	0.378	0.350	7.4#	111	0.00
13	T	Acrolein	0.031	0.043	-38.7#	185#	0.01
14	T	Allyl chloride	0.656	0.614	6.4	119	0.00
15	T	Acrylonitrile	0.072	0.072	0.0	121	0.01
16	T	Acetone	0.130	0.171	-31.5#	154#	0.01
17	T	Carbon Disulfide	0.994	0.988	0.6	123	0.01
18	T	Methyl Acetate	0.302	0.271	10.3	120	0.01
19	T	Methyl tert-butyl Ether	1.231	1.124	8.7	110	0.01
20	T	Methylene Chloride	0.425	0.356	16.2	117	0.04
21	T	trans-1,2-Dichloroethene	0.402	0.366	9.0	115	0.01
22	T	Diisopropyl ether	1.359	1.270	6.5	119	0.01
23	T	Vinyl Acetate	0.789	0.815	-3.3	122	0.01
24	P	1,1-Dichloroethane	0.909	0.813	10.6	111	0.00
25	T	2-Butanone	0.177	0.202	-14.1	135	0.01
26	T	2,2-Dichloropropane	0.524	0.579	-10.5	133	0.01
27	T	cis-1,2-Dichloroethene	0.494	0.486	1.6	120	0.01
28	T	Bromochloromethane	0.377	0.374	0.8	128	0.01
29		Tetrahydrofuran	0.083	0.083	0.0	120	0.01
30	C	Chloroform	1.286	1.134	11.8#	107	0.00
31	T	Cyclohexane	0.527	0.533	-1.1	121	0.01
32	T	1,1,1-Trichloroethane	0.989	0.871	11.9	108	0.01
33	S	1,2-Dichloroethane-d4	0.870	0.775	10.9	106	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	119	0.00
35	S	Dibromofluoromethane	0.480	0.442	7.9	113	0.01
36	T	1,1-Dichloropropene	0.528	0.506	4.2	114	0.01
37	T	Ethyl Acetate	0.310	0.308	0.6	115	0.00
38	T	Carbon Tetrachloride	0.755	0.690	8.6	109	0.01
39	T	Methylcyclohexane	0.444	0.455	-2.5	113	0.01
40	TM	Benzene	1.035	1.044	-0.9	124	0.01
41	T	Methacrylonitrile	0.142	0.151	-6.3	120	0.01
42	TM	1,2-Dichloroethane	0.750	0.665	11.3	105	0.00
43	T	Isopropyl Acetate	0.355	0.384	-8.2	129	0.01
44	TM	Trichloroethene	0.382	0.367	3.9	112	0.01
45	C	1,2-Dichloropropane	0.297	0.287	3.4#	122	0.01

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Quant Title : SW846 8260
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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)
46	T	Dibromomethane	0.272	0.255	6.3	106	0.01
47	T	Bromodichloromethane	0.693	0.664	4.2	113	0.00
48	T	Methyl methacrylate	0.253	0.270	-6.7	120	0.01
49	T	1,4-Dioxane	0.001	0.001	0.0	95	0.01
50	S	Toluene-d8	1.129	1.153	-2.1	121	0.00
51	T	4-Methyl-2-Pentanone	0.264	0.270	-2.3	116	0.00
52	CM	Toluene	0.773	0.766	0.9#	114	0.00
53	T	t-1,3-Dichloropropene	0.600	0.595	0.8	117	0.00
54	T	cis-1,3-Dichloropropene	0.599	0.634	-5.8	119	0.01
55	T	1,1,2-Trichloroethane	0.302	0.284	6.0	107	0.01
56	T	Ethyl methacrylate	0.341	0.377	-10.6	125	0.00
57	T	1,3-Dichloropropane	0.515	0.513	0.4	117	0.00
58	T	2-Chloroethyl Vinyl ether	0.033	0.029	12.1	104	0.01
59	T	2-Hexanone	0.196	0.225	-14.8	124	0.01
60	T	Dibromochloromethane	0.502	0.498	0.8	112	0.01
61	T	1,2-Dibromoethane	0.371	0.352	5.1	107	0.00
62	S	4-Bromofluorobenzene	0.630	0.599	4.9	112	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.01
64	T	Tetrachloroethene	0.419	0.389	7.2	102	0.01
65	PM	Chlorobenzene	0.974	0.979	-0.5	111	0.00
66	T	1,1,1,2-Tetrachloroethane	0.449	0.428	4.7	106	0.00
67	C	Ethyl Benzene	1.694	1.694	0.0	112	0.00
68	T	m/p-Xylenes	0.597	0.591	1.0	114	0.00
69	T	o-Xylene	0.643	0.674	-4.8	115	0.00
70	T	Styrene	1.001	0.991	1.0	110	0.01
71	P	Bromoform	0.309	0.310	-0.3	111	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73	T	Isopropylbenzene	3.039	3.182	-4.7	107	0.00
74	T	N-amyl acetate	0.928	1.100	-18.5	118	0.00
75	P	1,1,2,2-Tetrachloroethane	0.691	0.683	1.2	103	0.00
76	T	1,2,3-Trichloropropane	0.562	0.544	3.2	101	0.00
77	T	Bromobenzene	0.841	0.862	-2.5	111	0.00
78	T	n-propylbenzene	3.650	3.679	-0.8	108	0.00
79	T	2-Chlorotoluene	2.258	2.293	-1.6	108	0.01
80	T	1,3,5-Trimethylbenzene	2.693	2.643	1.9	101	0.00
81	T	trans-1,4-Dichloro-2-butene	0.292	0.327	-12.0	117	0.00
82	T	4-Chlorotoluene	2.393	2.436	-1.8	110	0.01
83	T	tert-Butylbenzene	2.619	2.770	-5.8	110	0.01
84	T	1,2,4-Trimethylbenzene	2.832	2.875	-1.5	108	0.00
85	T	sec-Butylbenzene	3.535	3.591	-1.6	104	0.00
86	T	p-Isopropyltoluene	3.023	3.156	-4.4	108	0.00
87	T	1,3-Dichlorobenzene	1.593	1.498	6.0	103	0.00
88	T	1,4-Dichlorobenzene	1.551	1.520	2.0	105	0.00
89	T	n-Butylbenzene	2.946	3.134	-6.4	109	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.786	0.758	3.6	102	0.00
91 T	1,2-Dichlorobenzene	1.580	1.532	3.0	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.173	0.172	0.6	100	0.00
93 T	1,2,4-Trichlorobenzene	1.174	1.246	-6.1	111	0.00
94 T	Hexachlorobutadiene	0.711	0.779	-9.6	111	0.00
95 T	Naphthalene	2.332	2.547	-9.2	102	0.00
96 T	1,2,3-Trichlorobenzene	1.138	1.189	-4.5	106	0.01

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