Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF122818\
Data File : VF061244.D
Acq On : 28 Dec 2018 19:10
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Dec 29 03:12:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 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	0.02
2	T	Dichlorodifluoromethane	1.111	0.838	24.6	91	0.02
3	P	Chloromethane	0.637	0.640	-0.5	123	0.00
4	C	Vinyl Chloride	0.591	0.566	4.2#	114	0.02
5	T	Bromomethane	0.410	0.392	4.4	114	0.02
6	T	Chloroethane	0.272	0.265	2.6	119	0.00
7	T	Trichlorofluoromethane	1.128	0.885	21.5	91	0.00
8	T	Diethyl Ether	0.154	0.156	-1.3	121	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.585	0.497	15.0	107	0.02
10	T	Methyl Iodide	0.922	0.843	8.6	115	0.00
11	T	Tert butyl alcohol	0.026	0.022	15.4	100	0.03
12	CM	1,1-Dichloroethene	0.441	0.405	8.2#	110	0.02
13	T	Acrolein	0.019	0.027	-42.1#	206#	0.00
14	T	Allyl chloride	0.459	0.446	2.8	126	0.02
15	T	Acrylonitrile	0.060	0.067	-11.7	128	0.03
16	T	Acetone	0.129	0.085	34.1#	76	0.02
17	T	Carbon Disulfide	1.332	1.158	13.1	107	0.02
18	T	Methyl Acetate	0.266	0.247	7.1	126	0.02
19	T	Methyl tert-butyl Ether	0.978	0.828	15.3	103	0.02
20	T	Methylene Chloride	0.477	0.395	17.2	114	0.02
21	T	trans-1,2-Dichloroethene	0.471	0.410	13.0	114	0.02
22	T	Diisopropyl ether	1.528	1.560	-2.1	126	0.02
23	T	Vinyl Acetate	0.705	0.690	2.1	118	0.02
24	P	1,1-Dichloroethane	0.905	0.899	0.7	118	0.02
25	T	2-Butanone	0.208	0.194	6.7	113	0.03
26	T	2,2-Dichloropropane	0.519	0.463	10.8	110	0.03
27	T	cis-1,2-Dichloroethene	0.722	0.713	1.2	126	0.02
28	T	Bromochloromethane	0.459	0.482	-5.0	128	0.02
29		Tetrahydrofuran	0.085	0.084	1.2	125	0.02
30	C	Chloroform	1.357	1.189	12.4#	106	0.03
31	T	Cyclohexane	0.939	0.959	-2.1	128	0.03
32	T	1,1,1-Trichloroethane	0.814	0.644	20.9	100	0.04
33	S	1,2-Dichloroethane-d4	0.643	0.553	14.0	111	0.03
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.03
35	S	Dibromofluoromethane	0.401	0.390	2.7	119	0.02
36	T	1,1-Dichloropropene	0.604	0.583	3.5	109	0.03
37	T	Ethyl Acetate	0.248	0.247	0.4	120	0.03
38	T	Carbon Tetrachloride	0.460	0.403	12.4	100	0.03
39	T	Methylcyclohexane	0.541	0.529	2.2	106	0.03
40	TM	Benzene	1.298	1.340	-3.2	119	0.03
41	T	Methacrylonitrile	0.127	0.128	-0.8	116	0.03
42	TM	1,2-Dichloroethane	0.493	0.438	11.2	100	0.02
43	T	Isopropyl Acetate	0.291	0.319	-9.6	129	0.03
44	TM	Trichloroethene	0.409	0.406	0.7	112	0.02
45	C	1,2-Dichloropropane	0.353	0.371	-5.1#	121	0.03

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.229	0.226	1.3	111	0.02
47	T	Bromodichloromethane	0.595	0.575	3.4	105	0.03
48	T	Methyl methacrylate	0.203	0.211	-3.9	116	0.02
49	T	1,4-Dioxane	0.001	0.001	0.0	103	0.03
50	S	Toluene-d8	1.135	1.146	-1.0	119	0.02
51	T	4-Methyl-2-Pentanone	0.200	0.210	-5.0	121	0.02
52	CM	Toluene	0.859	0.884	-2.9#	121	0.02
53	T	t-1,3-Dichloropropene	0.480	0.452	5.8	110	0.02
54	T	cis-1,3-Dichloropropene	0.602	0.615	-2.2	119	0.02
55	T	1,1,2-Trichloroethane	0.258	0.268	-3.9	126	0.02
56	T	Ethyl methacrylate	0.279	0.301	-7.9	122	0.02
57	T	1,3-Dichloropropane	0.466	0.483	-3.6	122	0.03
58	T	2-Chloroethyl Vinyl ether	0.054	0.045	16.7	100	0.03
59	T	2-Hexanone	0.145	0.149	-2.8	116	0.02
60	T	Dibromochloromethane	0.369	0.357	3.3	107	0.02
61	T	1,2-Dibromoethane	0.275	0.286	-4.0	118	0.02
62	S	4-Bromofluorobenzene	0.523	0.496	5.2	116	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.02
64	T	Tetrachloroethene	0.385	0.377	2.1	113	0.03
65	PM	Chlorobenzene	1.033	1.009	2.3	115	0.02
66	T	1,1,1,2-Tetrachloroethane	0.422	0.394	6.6	112	0.02
67	C	Ethyl Benzene	1.882	1.870	0.6#	116	0.03
68	T	m/p-Xylenes	0.662	0.652	1.5	116	0.02
69	T	o-Xylene	0.734	0.724	1.4	116	0.02
70	T	Styrene	1.022	0.988	3.3	118	0.02
71	P	Bromoform	0.195	0.187	4.1	112	0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.02
73	T	Isopropylbenzene	4.309	4.376	-1.6	107	0.02
74	T	N-amyl acetate	0.957	1.114	-16.4	126	0.00
75	P	1,1,2,2-Tetrachloroethane	0.715	0.749	-4.8	113	0.00
76	T	1,2,3-Trichloropropane	0.532	0.539	-1.3	109	0.00
77	T	Bromobenzene	0.928	0.935	-0.8	108	0.02
78	T	n-propylbenzene	5.104	5.157	-1.0	108	0.02
79	T	2-Chlorotoluene	2.956	2.966	-0.3	108	0.02
80	T	1,3,5-Trimethylbenzene	3.548	3.431	3.3	104	0.00
81	T	trans-1,4-Dichloro-2-butene	0.229	0.261	-14.0	120	0.02
82	T	4-Chlorotoluene	3.058	2.980	2.6	109	0.02
83	T	tert-Butylbenzene	3.651	3.468	5.0	103	0.00
84	T	1,2,4-Trimethylbenzene	3.538	3.467	2.0	109	0.02
85	T	sec-Butylbenzene	4.764	4.861	-2.0	111	0.02
86	T	p-Isopropyltoluene	3.955	3.850	2.7	105	0.02
87	T	1,3-Dichlorobenzene	1.749	1.706	2.5	110	0.00
88	T	1,4-Dichlorobenzene	1.703	1.035	39.2#	68	0.00
89	T	n-Butylbenzene	4.088	3.927	3.9	105	0.02

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90 T	Hexachloroethane	0.977	1.001	-2.5	109	0.02
91 T	1,2-Dichlorobenzene	1.658	1.640	1.1	106	0.02
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.127	3.1	99	0.02
93 T	1,2,4-Trichlorobenzene	1.176	1.141	3.0	106	0.02
94 T	Hexachlorobutadiene	0.749	0.739	1.3	105	0.02
95 T	Naphthalene	2.147	2.061	4.0	99	0.02
96 T	1,2,3-Trichlorobenzene	1.087	1.088	-0.1	101	0.02

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