Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF122718\
Data File : VF061202.D
Acq On : 27 Dec 2018 12:05
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: Dec 27 23:53:36 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	98	-0.03
2	T	Dichlorodifluoromethane	1.111	1.027	7.6	90	0.00
3	P	Chloromethane	0.637	0.682	-7.1	106	-0.01
4	C	Vinyl Chloride	0.591	0.573	3.0#	93	0.00
5	T	Bromomethane	0.410	0.380	7.3	89	-0.02
6	T	Chloroethane	0.272	0.249	8.5	90	0.00
7	T	Trichlorofluoromethane	1.128	1.168	-3.5	97	-0.03
8	T	Diethyl Ether	0.154	0.164	-6.5	103	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.585	0.567	3.1	99	0.00
10	T	Methyl Iodide	0.922	0.872	5.4	96	-0.02
11	T	Tert butyl alcohol	0.026	0.024	7.7	87	0.00
12	CM	1,1-Dichloroethene	0.441	0.471	-6.8#	103	-0.01
13	T	Acrolein	0.019	0.019	0.0	113	-0.01
14	T	Allyl chloride	0.459	0.579	-26.1#	132	-0.01
15	T	Acrylonitrile	0.060	0.062	-3.3	97	-0.01
16	T	Acetone	0.129	0.136	-5.4	98	-0.02
17	T	Carbon Disulfide	1.332	1.322	0.8	98	-0.01
18	T	Methyl Acetate	0.266	0.260	2.3	107	-0.02
19	T	Methyl tert-butyl Ether	0.978	0.940	3.9	95	-0.01
20	T	Methylene Chloride	0.477	0.448	6.1	104	-0.09
21	T	trans-1,2-Dichloroethene	0.471	0.471	0.0	106	-0.01
22	T	Diisopropyl ether	1.528	1.574	-3.0	102	-0.02
23	T	Vinyl Acetate	0.705	0.715	-1.4	99	-0.02
24	P	1,1-Dichloroethane	0.905	0.958	-5.9	102	-0.02
25	T	2-Butanone	0.208	0.199	4.3	94	-0.02
26	T	2,2-Dichloropropane	0.519	0.562	-8.3	107	-0.02
27	T	cis-1,2-Dichloroethene	0.722	0.698	3.3	99	-0.02
28	T	Bromochloromethane	0.459	0.445	3.1	96	-0.02
29		Tetrahydrofuran	0.085	0.084	1.2	100	-0.03
30	C	Chloroform	1.357	1.324	2.4#	95	-0.02
31	T	Cyclohexane	0.939	0.936	0.3	101	-0.03
32	T	1,1,1-Trichloroethane	0.814	0.792	2.7	100	-0.01
33	S	1,2-Dichloroethane-d4	0.643	0.605	5.9	98	-0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	-0.02
35	S	Dibromofluoromethane	0.401	0.389	3.0	106	-0.02
36	T	1,1-Dichloropropene	0.604	0.586	3.0	97	-0.02
37	T	Ethyl Acetate	0.248	0.214	13.7	92	-0.03
38	T	Carbon Tetrachloride	0.460	0.459	0.2	101	-0.02
39	T	Methylcyclohexane	0.541	0.544	-0.6	97	-0.02
40	TM	Benzene	1.298	1.254	3.4	99	-0.02
41	T	Methacrylonitrile	0.127	0.119	6.3	95	-0.02
42	TM	1,2-Dichloroethane	0.493	0.459	6.9	93	-0.02
43	T	Isopropyl Acetate	0.291	0.257	11.7	92	-0.02
44	TM	Trichloroethene	0.409	0.385	5.9	94	-0.02
45	C	1,2-Dichloropropane	0.353	0.337	4.5#	97	-0.02

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.229	0.218	4.8	95	-0.02
47	T	Bromodichloromethane	0.595	0.579	2.7	94	-0.02
48	T	Methyl methacrylate	0.203	0.175	13.8	86	-0.02
49	T	1,4-Dioxane	0.001	0.001	0.0	91	-0.02
50	S	Toluene-d8	1.135	1.091	3.9	100	-0.02
51	T	4-Methyl-2-Pentanone	0.200	0.180	10.0	92	-0.02
52	CM	Toluene	0.859	0.774	9.9#	94	-0.02
53	T	t-1,3-Dichloropropene	0.480	0.432	10.0	93	-0.02
54	T	cis-1,3-Dichloropropene	0.602	0.560	7.0	96	-0.02
55	T	1,1,2-Trichloroethane	0.258	0.239	7.4	99	-0.02
56	T	Ethyl methacrylate	0.279	0.261	6.5	94	-0.02
57	T	1,3-Dichloropropane	0.466	0.441	5.4	99	-0.02
58	T	2-Chloroethyl Vinyl ether	0.054	0.030	44.4#	59	-0.02
59	T	2-Hexanone	0.145	0.136	6.2	94	-0.02
60	T	Dibromochloromethane	0.369	0.342	7.3	91	-0.03
61	T	1,2-Dibromoethane	0.275	0.247	10.2	90	-0.02
62	S	4-Bromofluorobenzene	0.523	0.476	9.0	99	-0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	-0.02
64	T	Tetrachloroethene	0.385	0.360	6.5	94	-0.02
65	PM	Chlorobenzene	1.033	1.005	2.7	99	-0.02
66	T	1,1,1,2-Tetrachloroethane	0.422	0.409	3.1	101	-0.02
67	C	Ethyl Benzene	1.882	1.768	6.1#	95	-0.01
68	T	m/p-Xylenes	0.662	0.631	4.7	97	-0.02
69	T	o-Xylene	0.734	0.726	1.1	101	-0.02
70	T	Styrene	1.022	0.947	7.3	98	-0.02
71	P	Bromoform	0.195	0.188	3.6	98	-0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	-0.01
73	T	Isopropylbenzene	4.309	4.489	-4.2	98	-0.02
74	T	N-amyl acetate	0.957	0.971	-1.5	98	-0.02
75	P	1,1,2,2-Tetrachloroethane	0.715	0.707	1.1	95	-0.02
76	T	1,2,3-Trichloropropane	0.532	0.510	4.1	92	-0.02
77	T	Bromobenzene	0.928	0.884	4.7	91	-0.01
78	T	n-propylbenzene	5.104	4.919	3.6	92	-0.01
79	T	2-Chlorotoluene	2.956	2.881	2.5	93	-0.01
80	T	1,3,5-Trimethylbenzene	3.548	3.522	0.7	96	-0.02
81	T	trans-1,4-Dichloro-2-butene	0.229	0.247	-7.9	101	-0.01
82	T	4-Chlorotoluene	3.058	2.942	3.8	96	-0.01
83	T	tert-Butylbenzene	3.651	3.571	2.2	94	-0.02
84	T	1,2,4-Trimethylbenzene	3.538	3.471	1.9	97	-0.01
85	T	sec-Butylbenzene	4.764	4.809	-0.9	98	-0.01
86	T	p-Isopropyltoluene	3.955	3.893	1.6	95	-0.01
87	T	1,3-Dichlorobenzene	1.749	1.648	5.8	95	-0.02
88	T	1,4-Dichlorobenzene	1.703	1.646	3.3	97	-0.02
89	T	n-Butylbenzene	4.088	4.153	-1.6	99	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.977	1.015	-3.9	98	-0.01
91 T	1,2-Dichlorobenzene	1.658	1.621	2.2	93	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.135	-3.1	94	-0.01
93 T	1,2,4-Trichlorobenzene	1.176	1.143	2.8	95	-0.01
94 T	Hexachlorobutadiene	0.749	0.781	-4.3	99	-0.01
95 T	Naphthalene	2.147	2.135	0.6	92	-0.01
96 T	1,2,3-Trichlorobenzene	1.087	1.104	-1.6	92	-0.01

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