Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF081018\
Data File : VF059937.D
Acq On : 10 Aug 2018 11:24
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Aug 11 01:17:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 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	69	0.01
2	T	Dichlorodifluoromethane	0.854	0.814	4.7	65	0.00
3	P	Chloromethane	0.395	0.372	5.8	70	0.00
4	C	Vinyl Chloride	0.405	0.418	-3.2#	74	0.00
5	T	Bromomethane	0.382	0.343	10.2	67	0.00
6	T	Chloroethane	0.254	0.252	0.8	70	0.00
7	T	Trichlorofluoromethane	1.108	1.127	-1.7	68	0.00
8	T	Diethyl Ether	0.176	0.163	7.4	69	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.611	0.542	11.3	65	0.00
10	T	Methyl Iodide	0.939	0.890	5.2	68	0.00
11	T	Tert butyl alcohol	0.036	0.035	2.8	70	0.00
12	CM	1,1-Dichloroethene	0.447	0.421	5.8#	67	0.00
13	T	Acrolein	0.022	0.020	9.1	67	0.00
14	T	Allyl chloride	0.745	0.690	7.4	66	0.01
15	T	Acrylonitrile	0.067	0.057	14.9	58	0.00
16	T	Acetone	0.166	0.226	-36.1#	97	0.00
17	T	Carbon Disulfide	1.192	1.115	6.5	67	0.00
18	T	Methyl Acetate	0.281	0.264	6.0	72	0.00
19	T	Methyl tert-butyl Ether	1.264	1.242	1.7	71	0.00
20	T	Methylene Chloride	0.487	0.392	19.5	61	0.00
21	T	trans-1,2-Dichloroethene	0.444	0.388	12.6	63	0.00
22	T	Diisopropyl ether	1.433	1.346	6.1	66	0.00
23	T	Vinyl Acetate	0.693	0.733	-5.8	71	0.00
24	P	1,1-Dichloroethane	1.043	0.942	9.7	64	0.00
25	T	2-Butanone	0.181	0.198	-9.4	77	0.00
26	T	2,2-Dichloropropane	0.607	0.630	-3.8	71	0.00
27	T	cis-1,2-Dichloroethene	0.499	0.455	8.8	61	0.00
28	T	Bromochloromethane	0.368	0.333	9.5	65	0.00
29		Tetrahydrofuran	0.067	0.064	4.5	70	0.00
30	C	Chloroform	1.411	1.234	12.5#	61	0.01
31	T	Cyclohexane	0.516	0.501	2.9	65	0.02
32	T	1,1,1-Trichloroethane	1.129	1.047	7.3	65	0.01
33	S	1,2-Dichloroethane-d4	0.901	0.810	10.1	60	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	68	0.00
35	S	Dibromofluoromethane	0.497	0.493	0.8	65	0.01
36	T	1,1-Dichloropropene	0.578	0.591	-2.2	65	0.00
37	T	Ethyl Acetate	0.248	0.265	-6.9	68	0.01
38	T	Carbon Tetrachloride	0.828	0.869	-5.0	71	0.00
39	T	Methylcyclohexane	0.434	0.458	-5.5	66	0.00
40	TM	Benzene	1.105	0.981	11.2	66	0.00
41	T	Methacrylonitrile	0.131	0.125	4.6	62	0.00
42	TM	1,2-Dichloroethane	0.801	0.769	4.0	62	0.00
43	T	Isopropyl Acetate	0.256	0.300	-17.2	81	0.00
44	TM	Trichloroethene	0.385	0.375	2.6	62	0.01
45	C	1,2-Dichloropropane	0.265	0.272	-2.6#	66	0.00

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Quant Title : SW846 8260
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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	0.268	0.257	4.1	65	0.00
47	T	Bromodichloromethane	0.732	0.738	-0.8	66	0.00
48	T	Methyl methacrylate	0.199	0.235	-18.1	76	0.00
49	T	1,4-Dioxane	0.001	0.002	-100.0#	96	0.01
50	S	Toluene-d8	1.058	1.141	-7.8	69	0.00
51	T	4-Methyl-2-Pentanone	0.261	0.290	-11.1	73	0.00
52	CM	Toluene	0.730	0.749	-2.6#	67	0.00
53	T	t-1,3-Dichloropropene	0.557	0.624	-12.0	75	0.01
54	T	cis-1,3-Dichloropropene	0.575	0.631	-9.7	69	0.01
55	T	1,1,2-Trichloroethane	0.263	0.271	-3.0	70	0.00
56	T	Ethyl methacrylate	0.255	0.303	-18.8	73	0.01
57	T	1,3-Dichloropropane	0.452	0.480	-6.2	69	0.00
58	T	2-Chloroethyl Vinyl ether	0.035	0.036	-2.9	64	0.00
59	T	2-Hexanone	0.185	0.230	-24.3	80	0.00
60	T	Dibromochloromethane	0.493	0.495	-0.4	64	0.00
61	T	1,2-Dibromoethane	0.320	0.342	-6.9	69	0.00
62	S	4-Bromofluorobenzene	0.595	0.645	-8.4	69	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	68	0.00
64	T	Tetrachloroethene	0.431	0.397	7.9	60	0.01
65	PM	Chlorobenzene	1.015	1.024	-0.9	67	0.01
66	T	1,1,1,2-Tetrachloroethane	0.505	0.508	-0.6	67	0.01
67	C	Ethyl Benzene	1.768	1.902	-7.6#	68	0.00
68	T	m/p-Xylenes	0.611	0.646	-5.7	70	0.01
69	T	o-Xylene	0.647	0.698	-7.9	65	0.00
70	T	Styrene	0.966	1.060	-9.7	70	0.00
71	P	Bromoform	0.309	0.328	-6.1	70	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	65	0.00
73	T	Isopropylbenzene	3.114	3.511	-12.7	67	0.00
74	T	N-amyl acetate	0.696	0.824	-18.4	74	0.00
75	P	1,1,2,2-Tetrachloroethane	0.585	0.578	1.2	65	0.00
76	T	1,2,3-Trichloropropane	0.502	0.509	-1.4	67	0.00
77	T	Bromobenzene	0.847	0.889	-5.0	69	0.00
78	T	n-propylbenzene	3.678	4.050	-10.1	68	0.00
79	T	2-Chlorotoluene	2.327	2.444	-5.0	66	0.00
80	T	1,3,5-Trimethylbenzene	2.892	3.093	-7.0	66	0.00
81	T	trans-1,4-Dichloro-2-butene	0.180	0.238	-32.2#	89	0.00
82	T	4-Chlorotoluene	2.526	2.668	-5.6	70	0.00
83	T	tert-Butylbenzene	2.815	3.112	-10.6	68	0.00
84	T	1,2,4-Trimethylbenzene	2.974	3.243	-9.0	69	0.00
85	T	sec-Butylbenzene	3.740	3.952	-5.7	66	0.01
86	T	p-Isopropyltoluene	3.144	3.606	-14.7	67	0.00
87	T	1,3-Dichlorobenzene	1.605	1.645	-2.5	68	0.01
88	T	1,4-Dichlorobenzene	1.575	1.575	0.0	64	0.01
89	T	n-Butylbenzene	2.996	3.447	-15.1	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.867	0.843	2.8	61	0.00
91 T	1,2-Dichlorobenzene	1.544	1.628	-5.4	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.147	0.173	-17.7	70	0.00
93 T	1,2,4-Trichlorobenzene	1.172	1.345	-14.8	71	0.00
94 T	Hexachlorobutadiene	0.828	0.918	-10.9	70	0.00
95 T	Naphthalene	2.030	2.367	-16.6	70	0.00
96 T	1,2,3-Trichlorobenzene	1.158	1.271	-9.8	66	0.01

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