Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF080118\
Data File : VF059749.D
Acq On : 1 Aug 2018 11:53
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 81 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Aug 02 10:48:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 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	79	0.01
2	T	Dichlorodifluoromethane	0.672	0.612	8.9	94	0.00
3	P	Chloromethane	0.342	0.260	24.0	74	0.00
4	C	Vinyl Chloride	0.349	0.305	12.6#	85	0.00
5	T	Bromomethane	0.285	0.268	6.0	87	0.00
6	T	Chloroethane	0.218	0.206	5.5	95	0.01
7	T	Trichlorofluoromethane	0.934	1.012	-8.4	94	0.00
8	T	Diethyl Ether	0.160	0.133	16.9	73	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.489	0.533	-9.0	95	0.01
10	T	Methyl Iodide	0.769	0.744	3.3	90	0.01
11	T	Tert butyl alcohol	0.040	0.030	25.0#	73	0.00
12	CM	1,1-Dichloroethene	0.387	0.363	6.2#	90	0.01
13	T	Acrolein	0.017	0.020	-17.6	78	0.00
14	T	Allyl chloride	0.618	0.588	4.9	89	0.00
15	T	Acrylonitrile	0.063	0.053	15.9	83	0.00
16	T	Acetone	0.162	0.182	-12.3	98	0.00
17	T	Carbon Disulfide	0.940	0.764	18.7	85	0.01
18	T	Methyl Acetate	0.301	0.241	19.9	86	0.00
19	T	Methyl tert-butyl Ether	1.181	1.135	3.9	84	0.00
20	T	Methylene Chloride	0.453	0.378	16.6	88	0.00
21	T	trans-1,2-Dichloroethene	0.386	0.365	5.4	96	0.00
22	T	Diisopropyl ether	1.307	1.275	2.4	87	0.00
23	T	Vinyl Acetate	0.672	0.660	1.8	83	0.00
24	P	1,1-Dichloroethane	0.908	0.977	-7.6	98	0.00
25	T	2-Butanone	0.180	0.154	14.4	61	0.01
26	T	2,2-Dichloropropane	0.647	0.660	-2.0	89	0.01
27	T	cis-1,2-Dichloroethene	0.486	0.431	11.3	78	0.00
28	T	Bromochloromethane	0.360	0.350	2.8	90	0.00
29		Tetrahydrofuran	0.069	0.065	5.8	85	0.00
30	C	Chloroform	1.282	1.305	-1.8#	90	0.00
31	T	Cyclohexane	0.491	0.420	14.5	84	0.00
32	T	1,1,1-Trichloroethane	0.994	1.073	-7.9	97	0.00
33	S	1,2-Dichloroethane-d4	0.899	0.972	-8.1	91	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35	S	Dibromofluoromethane	0.519	0.561	-8.1	95	0.00
36	T	1,1-Dichloropropene	0.573	0.513	10.5	87	0.00
37	T	Ethyl Acetate	0.288	0.234	18.7	77	0.00
38	T	Carbon Tetrachloride	0.795	0.917	-15.3	107	0.00
39	T	Methylcyclohexane	0.433	0.383	11.5	84	0.00
40	TM	Benzene	1.010	0.918	9.1	87	0.00
41	T	Methacrylonitrile	0.141	0.122	13.5	79	0.00
42	TM	1,2-Dichloroethane	0.707	0.758	-7.2	96	0.00
43	T	Isopropyl Acetate	0.299	0.236	21.1	74	0.00
44	TM	Trichloroethene	0.389	0.359	7.7	86	0.00
45	C	1,2-Dichloropropane	0.267	0.255	4.5#	83	0.01

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Quant Time: Aug 02 10:48:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
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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	0.253	0.249	1.6	87	0.00
47	T	Bromodichloromethane	0.689	0.719	-4.4	91	0.00
48	T	Methyl methacrylate	0.225	0.192	14.7	75	0.01
49	T	1,4-Dioxane	0.002	0.001	50.0#	80	0.01
50	S	Toluene-d8	1.211	1.198	1.1	87	0.00
51	T	4-Methyl-2-Pentanone	0.227	0.208	8.4	79	0.00
52	CM	Toluene	0.748	0.644	13.9#	82	0.00
53	T	t-1,3-Dichloropropene	0.598	0.588	1.7	90	0.00
54	T	cis-1,3-Dichloropropene	0.579	0.578	0.2	86	0.01
55	T	1,1,2-Trichloroethane	0.273	0.264	3.3	85	0.00
56	T	Ethyl methacrylate	0.285	0.253	11.2	72	0.00
57	T	1,3-Dichloropropane	0.469	0.455	3.0	87	0.00
58	T	2-Chloroethyl Vinyl ether	0.033	0.032	3.0	93	0.00
59	T	2-Hexanone	0.182	0.158	13.2	77	0.00
60	T	Dibromochloromethane	0.483	0.500	-3.5	90	0.01
61	T	1,2-Dibromoethane	0.319	0.319	0.0	89	0.00
62	S	4-Bromofluorobenzene	0.670	0.694	-3.6	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64	T	Tetrachloroethene	0.386	0.357	7.5	89	0.00
65	PM	Chlorobenzene	1.000	0.988	1.2	89	0.00
66	T	1,1,1,2-Tetrachloroethane	0.467	0.511	-9.4	94	0.00
67	C	Ethyl Benzene	1.731	1.786	-3.2#	89	0.01
68	T	m/p-Xylenes	0.609	0.602	1.1	89	0.00
69	T	o-Xylene	0.638	0.670	-5.0	89	0.00
70	T	Styrene	0.966	1.048	-8.5	94	0.00
71	P	Bromoform	0.304	0.335	-10.2	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73	T	Isopropylbenzene	3.281	3.299	-0.5	92	0.00
74	T	N-amyl acetate	0.828	0.687	17.0	78	0.00
75	P	1,1,2,2-Tetrachloroethane	0.618	0.592	4.2	88	0.00
76	T	1,2,3-Trichloropropane	0.525	0.489	6.9	89	0.00
77	T	Bromobenzene	0.857	0.797	7.0	88	0.01
78	T	n-propylbenzene	3.814	3.743	1.9	93	0.00
79	T	2-Chlorotoluene	2.372	2.320	2.2	92	0.01
80	T	1,3,5-Trimethylbenzene	2.936	2.865	2.4	93	0.00
81	T	trans-1,4-Dichloro-2-butene	0.217	0.196	9.7	83	0.00
82	T	4-Chlorotoluene	2.547	2.493	2.1	94	0.01
83	T	tert-Butylbenzene	2.945	3.010	-2.2	93	0.00
84	T	1,2,4-Trimethylbenzene	2.956	3.014	-2.0	95	0.00
85	T	sec-Butylbenzene	3.774	3.871	-2.6	94	0.00
86	T	p-Isopropyltoluene	3.313	3.302	0.3	93	0.00
87	T	1,3-Dichlorobenzene	1.633	1.591	2.6	94	0.00
88	T	1,4-Dichlorobenzene	1.591	1.543	3.0	93	0.00
89	T	n-Butylbenzene	3.138	3.248	-3.5	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.827	0.886	-7.1	99	0.01
91 T	1,2-Dichlorobenzene	1.568	1.547	1.3	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.151	0.168	-11.3	98	0.01
93 T	1,2,4-Trichlorobenzene	1.228	1.242	-1.1	93	0.01
94 T	Hexachlorobutadiene	0.820	0.882	-7.6	97	0.01
95 T	Naphthalene	2.156	2.102	2.5	87	0.01
96 T	1,2,3-Trichlorobenzene	1.192	1.242	-4.2	93	0.01

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