Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF071918\
Data File : VF059564.D
Acq On : 19 Jul 2018 19:06
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Jul 20 05:19:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 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	87	-0.02
2	T	Dichlorodifluoromethane	0.613	0.627	-2.3	102	0.00
3	P	Chloromethane	0.337	0.285	15.4	89	0.00
4	C	Vinyl Chloride	0.340	0.328	3.5#	93	0.00
5	T	Bromomethane	0.236	0.269	-14.0	116	0.00
6	T	Chloroethane	0.171	0.196	-14.6	111	-0.02
7	T	Trichlorofluoromethane	0.832	0.844	-1.4	96	-0.05
8	T	Diethyl Ether	0.160	0.151	5.6	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.352	0.454	-29.0#	134	0.00
10	T	Methyl Iodide	0.615	0.812	-32.0#	129	-0.02
11	T	Tert butyl alcohol	0.036	0.036	0.0	88	0.00
12	CM	1,1-Dichloroethene	0.374	0.364	2.7#	102	0.00
13	T	Acrolein	0.018	0.018	0.0	102	-0.02
14	T	Allyl chloride	0.467	0.651	-39.4#	138	0.00
15	T	Acrylonitrile	0.065	0.057	12.3	76	-0.02
16	T	Acetone	0.130	0.149	-14.6	97	-0.02
17	T	Carbon Disulfide	0.958	0.899	6.2	94	-0.05
18	T	Methyl Acetate	0.271	0.215	20.7	71	0.00
19	T	Methyl tert-butyl Ether	1.173	1.167	0.5	85	0.00
20	T	Methylene Chloride	0.435	0.369	15.2	94	-0.07
21	T	trans-1,2-Dichloroethene	0.346	0.380	-9.8	105	0.00
22	T	Diisopropyl ether	1.311	1.236	5.7	82	-0.02
23	T	Vinyl Acetate	0.766	0.690	9.9	79	-0.03
24	P	1,1-Dichloroethane	0.810	0.850	-4.9	97	-0.02
25	T	2-Butanone	0.181	0.150	17.1	71	-0.04
26	T	2,2-Dichloropropane	0.536	0.685	-27.8#	114	-0.02
27	T	cis-1,2-Dichloroethene	0.402	0.465	-15.7	101	-0.02
28	T	Bromochloromethane	0.356	0.335	5.9	78	-0.02
29		Tetrahydrofuran	0.082	0.070	14.6	76	-0.03
30	C	Chloroform	1.170	1.188	-1.5#	91	-0.02
31	T	Cyclohexane	0.419	0.452	-7.9	106	0.00
32	T	1,1,1-Trichloroethane	0.760	1.016	-33.7#	122	-0.02
33	S	1,2-Dichloroethane-d4	0.778	0.793	-1.9	89	-0.03
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	-0.03
35	S	Dibromofluoromethane	0.433	0.449	-3.7	88	-0.02
36	T	1,1-Dichloropropene	0.500	0.501	-0.2	92	-0.02
37	T	Ethyl Acetate	0.304	0.239	21.4	70	-0.04
38	T	Carbon Tetrachloride	0.574	0.751	-30.8#	125	0.00
39	T	Methylcyclohexane	0.380	0.391	-2.9	99	0.00
40	TM	Benzene	0.971	0.937	3.5	89	0.00
41	T	Methacrylonitrile	0.144	0.122	15.3	77	-0.04
42	TM	1,2-Dichloroethane	0.638	0.645	-1.1	91	-0.03
43	T	Isopropyl Acetate	0.360	0.305	15.3	75	-0.02
44	TM	Trichloroethene	0.359	0.350	2.5	91	-0.02
45	C	1,2-Dichloropropane	0.269	0.263	2.2#	86	-0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.245	0.241	1.6	87	-0.02
47	T	Bromodichloromethane	0.632	0.635	-0.5	88	-0.02
48	T	Methyl methacrylate	0.257	0.222	13.6	75	-0.02
49	T	1,4-Dioxane	0.001	0.001	0.0	108	-0.04
50	S	Toluene-d8	1.091	1.051	3.7	82	-0.02
51	T	4-Methyl-2-Pentanone	0.255	0.227	11.0	77	-0.03
52	CM	Toluene	0.704	0.692	1.7#	93	-0.02
53	T	t-1,3-Dichloropropene	0.581	0.568	2.2	87	-0.02
54	T	cis-1,3-Dichloropropene	0.579	0.554	4.3	83	-0.02
55	T	1,1,2-Trichloroethane	0.273	0.285	-4.4	90	-0.02
56	T	Ethyl methacrylate	0.338	0.309	8.6	79	-0.02
57	T	1,3-Dichloropropane	0.482	0.462	4.1	87	-0.02
58	T	2-Chloroethyl Vinyl ether	0.030	0.032	-6.7	98	-0.02
59	T	2-Hexanone	0.193	0.175	9.3	76	-0.02
60	T	Dibromochloromethane	0.460	0.475	-3.3	89	-0.02
61	T	1,2-Dibromoethane	0.339	0.336	0.9	90	-0.03
62	S	4-Bromofluorobenzene	0.572	0.613	-7.2	94	-0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	86	-0.02
64	T	Tetrachloroethene	0.372	0.378	-1.6	95	-0.02
65	PM	Chlorobenzene	0.938	0.941	-0.3	93	-0.02
66	T	1,1,1,2-Tetrachloroethane	0.427	0.449	-5.2	97	-0.02
67	C	Ethyl Benzene	1.669	1.733	-3.8#	98	-0.02
68	T	m/p-Xylenes	0.589	0.601	-2.0	96	-0.02
69	T	o-Xylene	0.627	0.674	-7.5	100	-0.02
70	T	Styrene	0.964	0.993	-3.0	96	0.00
71	P	Bromoform	0.297	0.301	-1.3	88	-0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	-0.02
73	T	Isopropylbenzene	3.155	3.075	2.5	103	0.00
74	T	N-amyl acetate	1.010	0.741	26.6#	75	0.00
75	P	1,1,2,2-Tetrachloroethane	0.688	0.602	12.5	90	-0.02
76	T	1,2,3-Trichloropropane	0.562	0.487	13.3	91	0.00
77	T	Bromobenzene	0.884	0.815	7.8	97	-0.02
78	T	n-propylbenzene	3.619	3.600	0.5	107	0.00
79	T	2-Chlorotoluene	2.229	2.210	0.9	107	-0.02
80	T	1,3,5-Trimethylbenzene	2.644	2.670	-1.0	107	-0.02
81	T	trans-1,4-Dichloro-2-butene	0.257	0.213	17.1	90	0.00
82	T	4-Chlorotoluene	2.498	2.377	4.8	101	0.00
83	T	tert-Butylbenzene	2.537	2.632	-3.7	108	0.00
84	T	1,2,4-Trimethylbenzene	2.720	2.735	-0.6	107	-0.02
85	T	sec-Butylbenzene	3.227	3.389	-5.0	110	0.00
86	T	p-Isopropyltoluene	2.808	2.957	-5.3	111	0.00
87	T	1,3-Dichlorobenzene	1.517	1.462	3.6	103	0.00
88	T	1,4-Dichlorobenzene	1.495	1.467	1.9	106	0.00
89	T	n-Butylbenzene	2.628	2.943	-12.0	117	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.638	0.700	-9.7	122	0.00
91 T	1,2-Dichlorobenzene	1.451	1.409	2.9	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.156	0.140	10.3	92	0.00
93 T	1,2,4-Trichlorobenzene	0.882	1.077	-22.1	128	0.00
94 T	Hexachlorobutadiene	0.452	0.693	-53.3#	168#	0.00
95 T	Naphthalene	1.832	2.091	-14.1	117	0.00
96 T	1,2,3-Trichlorobenzene	0.797	1.054	-32.2#	144	0.00

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