Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF022719\
Data File : VF061762.D
Acq On : 27 Feb 2019 12:53
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: Feb 28 00:41:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
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	-0.04
2	T	Dichlorodifluoromethane	0.574	0.504	12.2	119	0.00
3	P	Chloromethane	0.602	0.528	12.3	111	0.00
4	C	Vinyl Chloride	0.560	0.504	10.0#	115	0.00
5	T	Bromomethane	0.385	0.382	0.8	118	0.00
6	T	Chloroethane	0.276	0.253	8.3	115	0.00
7	T	Trichlorofluoromethane	0.676	0.657	2.8	124	-0.01
8	T	Diethyl Ether	0.170	0.150	11.8	109	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.487	0.459	5.7	122	0.00
10	T	Methyl Iodide	0.931	0.904	2.9	120	0.00
11	T	Tert butyl alcohol	0.021	0.020	4.8	118	-0.02
12	CM	1,1-Dichloroethene	0.428	0.418	2.3#	123	-0.01
13	T	Acrolein	0.027	0.026	3.7	115	-0.02
14	T	Allyl chloride	0.526	0.481	8.6	111	-0.01
15	T	Acrylonitrile	0.075	0.062	17.3	104	-0.03
16	T	Acetone	0.079	0.087	-10.1	133	-0.02
17	T	Carbon Disulfide	1.347	1.240	7.9	115	-0.01
18	T	Methyl Acetate	0.177	0.183	-3.4	143	-0.02
19	T	Methyl tert-butyl Ether	0.732	0.729	0.4	124	-0.01
20	T	Methylene Chloride	0.475	0.430	9.5	128	-0.02
21	T	trans-1,2-Dichloroethene	0.466	0.428	8.2	115	-0.02
22	T	Diisopropyl ether	1.262	1.203	4.7	120	-0.02
23	T	Vinyl Acetate	0.616	0.569	7.6	116	-0.03
24	P	1,1-Dichloroethane	0.764	0.702	8.1	118	-0.02
25	T	2-Butanone	0.172	0.167	2.9	123	-0.03
26	T	2,2-Dichloropropane	0.324	0.341	-5.2	133	-0.04
27	T	cis-1,2-Dichloroethene	0.611	0.588	3.8	122	-0.03
28	T	Bromochloromethane	0.366	0.339	7.4	107	-0.02
29		Tetrahydrofuran	0.078	0.067	14.1	110	-0.04
30	C	Chloroform	0.869	0.827	4.8#	117	-0.03
31	T	Cyclohexane	0.827	0.732	11.5	112	-0.03
32	T	1,1,1-Trichloroethane	0.569	0.632	-11.1	129	-0.03
33	S	1,2-Dichloroethane-d4	0.367	0.381	-3.8	125	-0.04
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	121	-0.03
35	S	Dibromofluoromethane	0.371	0.352	5.1	119	-0.03
36	T	1,1-Dichloropropene	0.495	0.481	2.8	125	-0.04
37	T	Ethyl Acetate	0.230	0.192	16.5	113	-0.04
38	T	Carbon Tetrachloride	0.342	0.331	3.2	125	-0.03
39	T	Methylcyclohexane	0.586	0.519	11.4	111	-0.03
40	TM	Benzene	1.296	1.273	1.8	124	-0.03
41	T	Methacrylonitrile	0.118	0.107	9.3	115	-0.03
42	TM	1,2-Dichloroethane	0.310	0.309	0.3	123	-0.03
43	T	Isopropyl Acetate	0.272	0.252	7.4	124	-0.03
44	TM	Trichloroethene	0.419	0.399	4.8	123	-0.02
45	C	1,2-Dichloropropane	0.313	0.296	5.4#	116	-0.03

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.193	0.194	-0.5	121	-0.04
47	T	Bromodichloromethane	0.422	0.434	-2.8	125	-0.03
48	T	Methyl methacrylate	0.164	0.158	3.7	121	-0.03
49	T	1,4-Dioxane	0.002	0.001	50.0#	115	-0.02
50	S	Toluene-d8	1.067	1.075	-0.7	120	-0.03
51	T	4-Methyl-2-Pentanone	0.195	0.174	10.8	113	-0.03
52	CM	Toluene	0.786	0.760	3.3#	128	-0.02
53	T	t-1,3-Dichloropropene	0.351	0.336	4.3	121	-0.03
54	T	cis-1,3-Dichloropropene	0.468	0.497	-6.2	134	-0.03
55	T	1,1,2-Trichloroethane	0.231	0.227	1.7	120	-0.03
56	T	Ethyl methacrylate	0.257	0.239	7.0	119	-0.02
57	T	1,3-Dichloropropane	0.385	0.364	5.5	119	-0.03
58	T	2-Chloroethyl Vinyl ether	0.044	0.040	9.1	117	-0.03
59	T	2-Hexanone	0.136	0.127	6.6	120	-0.03
60	T	Dibromochloromethane	0.321	0.322	-0.3	123	-0.03
61	T	1,2-Dibromoethane	0.250	0.244	2.4	122	-0.03
62	S	4-Bromofluorobenzene	0.432	0.414	4.2	122	-0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	116	-0.03
64	T	Tetrachloroethene	0.409	0.393	3.9	117	-0.03
65	PM	Chlorobenzene	1.015	0.969	4.5	118	-0.03
66	T	1,1,1,2-Tetrachloroethane	0.398	0.408	-2.5	125	-0.02
67	C	Ethyl Benzene	1.687	1.658	1.7#	124	-0.02
68	T	m/p-Xylenes	0.646	0.644	0.3	125	-0.03
69	T	o-Xylene	0.689	0.700	-1.6	122	-0.03
70	T	Styrene	0.975	0.973	0.2	124	-0.02
71	P	Bromoform	0.216	0.210	2.8	116	-0.03
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	-0.02
73	T	Isopropylbenzene	3.560	3.725	-4.6	125	-0.02
74	T	N-amyl acetate	0.854	0.857	-0.4	117	-0.02
75	P	1,1,2,2-Tetrachloroethane	0.638	0.629	1.4	117	-0.02
76	T	1,2,3-Trichloropropane	0.434	0.406	6.5	111	-0.02
77	T	Bromobenzene	0.879	0.909	-3.4	127	-0.02
78	T	n-propylbenzene	4.085	4.167	-2.0	123	-0.02
79	T	2-Chlorotoluene	2.288	2.331	-1.9	119	-0.03
80	T	1,3,5-Trimethylbenzene	2.845	2.939	-3.3	122	-0.02
81	T	trans-1,4-Dichloro-2-butene	0.208	0.221	-6.3	122	-0.02
82	T	4-Chlorotoluene	2.375	2.365	0.4	120	-0.02
83	T	tert-Butylbenzene	3.151	3.284	-4.2	119	-0.02
84	T	1,2,4-Trimethylbenzene	2.827	2.913	-3.0	126	-0.02
85	T	sec-Butylbenzene	4.075	4.106	-0.8	118	-0.02
86	T	p-Isopropyltoluene	3.420	3.528	-3.2	124	-0.01
87	T	1,3-Dichlorobenzene	1.715	1.727	-0.7	124	-0.02
88	T	1,4-Dichlorobenzene	1.649	1.652	-0.2	123	-0.02
89	T	n-Butylbenzene	3.230	3.224	0.2	119	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.795	0.885	-11.3	126	-0.02
91 T	1,2-Dichlorobenzene	1.631	1.607	1.5	120	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.101	0.0	112	-0.01
93 T	1,2,4-Trichlorobenzene	1.169	1.141	2.4	118	-0.02
94 T	Hexachlorobutadiene	0.722	0.766	-6.1	126	-0.02
95 T	Naphthalene	2.045	2.126	-4.0	120	-0.02
96 T	1,2,3-Trichlorobenzene	1.073	1.110	-3.4	120	-0.02

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