Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031619\
Data File : VF061987.D
Acq On : 16 Mar 2019 21:21
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: Mar 22 03:38:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 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	91	-0.02
2	T	Dichlorodifluoromethane	0.533	0.496	6.9	86	-0.02
3	P	Chloromethane	0.542	0.514	5.2	92	-0.02
4	C	Vinyl Chloride	0.524	0.511	2.5#	92	-0.02
5	T	Bromomethane	0.368	0.372	-1.1	88	-0.01
6	T	Chloroethane	0.270	0.262	3.0	86	-0.02
7	T	Trichlorofluoromethane	0.694	0.717	-3.3	93	0.00
8	T	Diethyl Ether	0.154	0.162	-5.2	91	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.489	0.463	5.3	91	-0.03
10	T	Methyl Iodide	0.856	0.896	-4.7	93	-0.03
11	T	Tert butyl alcohol	0.022	0.020	9.1	76	-0.03
12	CM	1,1-Dichloroethene	0.422	0.398	5.7#	89	-0.02
13	T	Acrolein	0.024	0.021	12.5	91	-0.02
14	T	Allyl chloride	0.539	0.549	-1.9	94	-0.02
15	T	Acrylonitrile	0.067	0.063	6.0	85	-0.01
16	T	Acetone	0.081	0.069	14.8	77	-0.01
17	T	Carbon Disulfide	1.220	1.185	2.9	90	-0.01
18	T	Methyl Acetate	0.183	0.192	-4.9	91	-0.02
19	T	Methyl tert-butyl Ether	0.765	0.733	4.2	85	-0.02
20	T	Methylene Chloride	0.422	0.418	0.9	95	-0.01
21	T	trans-1,2-Dichloroethene	0.440	0.423	3.9	87	-0.01
22	T	Diisopropyl ether	1.296	1.195	7.8	81	-0.02
23	T	Vinyl Acetate	0.511	0.542	-6.1	93	-0.02
24	P	1,1-Dichloroethane	0.753	0.733	2.7	87	-0.01
25	T	2-Butanone	0.160	0.151	5.6	86	-0.02
26	T	2,2-Dichloropropane	0.355	0.323	9.0	82	-0.02
27	T	cis-1,2-Dichloroethene	0.555	0.557	-0.4	90	-0.01
28	T	Bromochloromethane	0.313	0.299	4.5	84	-0.02
29		Tetrahydrofuran	0.070	0.065	7.1	82	-0.01
30	C	Chloroform	0.854	0.862	-0.9#	94	-0.02
31	T	Cyclohexane	0.744	0.729	2.0	89	-0.01
32	T	1,1,1-Trichloroethane	0.567	0.615	-8.5	98	-0.03
33	S	1,2-Dichloroethane-d4	0.360	0.330	8.3	86	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	-0.01
35	S	Dibromofluoromethane	0.336	0.300	10.7	86	-0.02
36	T	1,1-Dichloropropene	0.452	0.449	0.7	89	-0.02
37	T	Ethyl Acetate	0.203	0.181	10.8	81	-0.01
38	T	Carbon Tetrachloride	0.330	0.343	-3.9	94	-0.01
39	T	Methylcyclohexane	0.530	0.513	3.2	85	-0.01
40	TM	Benzene	1.196	1.176	1.7	91	-0.02
41	T	Methacrylonitrile	0.108	0.106	1.9	91	-0.02
42	TM	1,2-Dichloroethane	0.298	0.298	0.0	91	-0.01
43	T	Isopropyl Acetate	0.240	0.239	0.4	88	-0.01
44	TM	Trichloroethene	0.367	0.342	6.8	85	-0.01
45	C	1,2-Dichloropropane	0.283	0.275	2.8#	85	-0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.168	0.179	-6.5	91	-0.01
47	T	Bromodichloromethane	0.397	0.404	-1.8	91	-0.01
48	T	Methyl methacrylate	0.155	0.150	3.2	89	-0.01
49	T	1,4-Dioxane	0.001	0.001	0.0	76	-0.01
50	S	Toluene-d8	0.982	0.843	14.2	81	-0.01
51	T	4-Methyl-2-Pentanone	0.170	0.166	2.4	85	-0.01
52	CM	Toluene	0.731	0.713	2.5#	91	0.00
53	T	t-1,3-Dichloropropene	0.335	0.337	-0.6	88	-0.01
54	T	cis-1,3-Dichloropropene	0.437	0.457	-4.6	92	-0.01
55	T	1,1,2-Trichloroethane	0.204	0.202	1.0	89	-0.01
56	T	Ethyl methacrylate	0.232	0.236	-1.7	90	0.00
57	T	1,3-Dichloropropane	0.340	0.330	2.9	83	-0.01
58	T	2-Chloroethyl Vinyl ether	0.042	0.041	2.4	86	-0.01
59	T	2-Hexanone	0.123	0.110	10.6	80	-0.01
60	T	Dibromochloromethane	0.283	0.305	-7.8	93	-0.01
61	T	1,2-Dibromoethane	0.219	0.227	-3.7	92	-0.01
62	S	4-Bromofluorobenzene	0.390	0.323	17.2	83	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64	T	Tetrachloroethene	0.363	0.355	2.2	90	-0.01
65	PM	Chlorobenzene	0.931	0.929	0.2	94	-0.01
66	T	1,1,1,2-Tetrachloroethane	0.361	0.371	-2.8	94	-0.01
67	C	Ethyl Benzene	1.594	1.553	2.6#	94	0.00
68	T	m/p-Xylenes	0.599	0.566	5.5	91	-0.01
69	T	o-Xylene	0.641	0.612	4.5	88	-0.01
70	T	Styrene	0.889	0.854	3.9	91	0.00
71	P	Bromoform	0.183	0.189	-3.3	91	-0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73	T	Isopropylbenzene	3.454	3.377	2.2	86	0.00
74	T	N-amyl acetate	0.792	0.788	0.5	88	0.00
75	P	1,1,2,2-Tetrachloroethane	0.570	0.587	-3.0	91	0.00
76	T	1,2,3-Trichloropropane	0.399	0.380	4.8	84	0.00
77	T	Bromobenzene	0.800	0.812	-1.5	92	0.00
78	T	n-propylbenzene	3.972	3.905	1.7	94	0.00
79	T	2-Chlorotoluene	2.242	2.217	1.1	92	-0.01
80	T	1,3,5-Trimethylbenzene	2.790	2.803	-0.5	92	0.00
81	T	trans-1,4-Dichloro-2-butene	0.176	0.173	1.7	80	0.00
82	T	4-Chlorotoluene	2.267	2.170	4.3	86	0.00
83	T	tert-Butylbenzene	2.918	2.967	-1.7	91	0.00
84	T	1,2,4-Trimethylbenzene	2.795	2.634	5.8	86	0.00
85	T	sec-Butylbenzene	3.943	3.699	6.2	88	0.00
86	T	p-Isopropyltoluene	3.290	3.243	1.4	89	-0.01
87	T	1,3-Dichlorobenzene	1.572	1.527	2.9	90	0.00
88	T	1,4-Dichlorobenzene	1.513	1.486	1.8	90	0.00
89	T	n-Butylbenzene	3.091	3.066	0.8	89	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.751	0.771	-2.7	89	0.00
91 T	1,2-Dichlorobenzene	1.456	1.403	3.6	90	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.087	4.4	81	-0.01
93 T	1,2,4-Trichlorobenzene	1.014	0.998	1.6	89	0.00
94 T	Hexachlorobutadiene	0.673	0.673	0.0	88	0.00
95 T	Naphthalene	1.824	1.828	-0.2	86	0.00
96 T	1,2,3-Trichlorobenzene	0.933	0.951	-1.9	88	0.00

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