Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF051119\

Evaluate Continuing Calibration Report

Data File : VF062474.D
Acq On : 11 May 2019 22:43
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDCCC050

Quant Time: May 12 10:22:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	93	0.02
2	T	Dichlorodifluoromethane	0.579	0.477	17.6	87	0.00
3	P	Chloromethane	0.382	0.310	18.8	88	-0.01
4	C	Vinyl Chloride	0.381	0.317	16.8#	87	0.00
5	T	Bromomethane	0.322	0.288	10.6	95	-0.01
6	T	Chloroethane	0.191	0.187	2.1	97	0.00
7	T	Trichlorofluoromethane	0.790	0.788	0.3	96	-0.01
8	T	Diethyl Ether	0.120	0.115	4.2	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.451	0.446	1.1	97	-0.01
10	T	Methyl Iodide	0.743	0.744	-0.1	98	-0.01
11	T	Tert butyl alcohol	0.027	0.023	14.8	85	-0.01
12	CM	1,1-Dichloroethene	0.383	0.346	9.7#	93	-0.01
13	T	Acrolein	0.020	0.019	5.0	107	0.00
14	T	Allyl chloride	0.339	0.433	-27.7#	135	0.00
15	T	Acrylonitrile	0.051	0.047	7.8	85	0.00
16	T	Acetone	0.096	0.083	13.5	79	0.00
17	T	Carbon Disulfide	0.836	0.688	17.7	84	-0.01
18	T	Methyl Acetate	0.202	0.169	16.3	90	0.00
19	T	Methyl tert-butyl Ether	0.791	0.792	-0.1	96	0.00
20	T	Methylene Chloride	0.346	0.333	3.8	99	-0.01
21	T	trans-1,2-Dichloroethene	0.365	0.316	13.4	86	0.00
22	T	Diisopropyl ether	1.058	1.013	4.3	87	0.00
23	T	Vinyl Acetate	0.472	0.455	3.6	83	0.00
24	P	1,1-Dichloroethane	0.640	0.669	-4.5	95	0.00
25	T	2-Butanone	0.120	0.110	8.3	83	0.00
26	T	2,2-Dichloropropane	0.357	0.392	-9.8	103	0.02
27	T	cis-1,2-Dichloroethene	0.457	0.451	1.3	93	0.02
28	T	Bromochloromethane	0.290	0.313	-7.9	91	0.02
29	T	Tetrahydrofuran	0.055	0.046	16.4	80	0.02
30	C	Chloroform	0.864	0.903	-4.5#	94	0.02
31	T	Cyclohexane	0.511	0.427	16.4	80	0.03
32	T	1,1,1-Trichloroethane	0.741	0.784	-5.8	96	0.02
33	S	1,2-Dichloroethane-d4	0.473	0.493	-4.2	88	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.02
35	S	Dibromofluoromethane	0.398	0.439	-10.3	92	0.02
36	T	1,1-Dichloropropene	0.430	0.428	0.5	90	0.00
37	T	Ethyl Acetate	0.196	0.169	13.8	84	0.00
38	T	Carbon Tetrachloride	0.490	0.553	-12.9	108	0.02
39	T	Methylcyclohexane	0.431	0.386	10.4	78	0.02
40	TM	Benzene	0.946	0.908	4.0	89	0.02
41	T	Methacrylonitrile	0.103	0.090	12.6	80	0.00
42	TM	1,2-Dichloroethane	0.396	0.405	-2.3	89	0.00
43	T	Isopropyl Acetate	0.195	0.186	4.6	87	0.00
44	TM	Trichloroethene	0.347	0.355	-2.3	91	0.00
45	C	1,2-Dichloropropane	0.214	0.219	-2.3#	90	0.02

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Quant Time: May 12 10:22:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.178	0.186	-4.5	93	0.02
47	T	Bromodichloromethane	0.444	0.460	-3.6	92	0.02
48	T	Methyl methacrylate	0.138	0.135	2.2	84	0.00
49	T	1,4-Dioxane	0.001	0.001	0.0	70	0.02
50	S	Toluene-d8	0.964	1.007	-4.5	88	0.02
51	T	4-Methyl-2-Pentanone	0.148	0.154	-4.1	93	0.00
52	CM	Toluene	0.583	0.588	-0.9#	93	0.02
53	T	t-1,3-Dichloropropene	0.336	0.346	-3.0	90	0.00
54	T	cis-1,3-Dichloropropene	0.391	0.387	1.0	86	0.00
55	T	1,1,2-Trichloroethane	0.185	0.201	-8.6	95	0.00
56	T	Ethyl methacrylate	0.196	0.193	1.5	90	0.00
57	T	1,3-Dichloropropane	0.280	0.289	-3.2	92	0.00
58	T	2-Chloroethyl Vinyl ether	0.059	0.055	6.8	87	0.00
59	T	2-Hexanone	0.102	0.101	1.0	88	0.00
60	T	Dibromochloromethane	0.303	0.336	-10.9	95	0.00
61	T	1,2-Dibromoethane	0.218	0.230	-5.5	92	0.02
62	S	4-Bromofluorobenzene	0.435	0.441	-1.4	93	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.02
64	T	Tetrachloroethene	0.406	0.381	6.2	91	0.00
65	PM	Chlorobenzene	0.827	0.826	0.1	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.417	0.424	-1.7	96	0.00
67	C	Ethyl Benzene	1.449	1.430	1.3#	95	0.00
68	T	m/p-Xylenes	0.534	0.529	0.9	99	0.00
69	T	o-Xylene	0.578	0.598	-3.5	99	0.00
70	T	Styrene	0.866	0.836	3.5	94	0.00
71	P	Bromoform	0.229	0.227	0.9	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	2.964	2.867	3.3	97	0.00
74	T	N-amyl acetate	0.636	0.599	5.8	101	0.00
75	P	1,1,2,2-Tetrachloroethane	0.464	0.452	2.6	96	0.00
76	T	1,2,3-Trichloropropane	0.354	0.348	1.7	101	0.00
77	T	Bromobenzene	0.778	0.773	0.6	99	0.00
78	T	n-propylbenzene	3.156	2.978	5.6	97	0.00
79	T	2-Chlorotoluene	1.962	1.910	2.7	98	0.00
80	T	1,3,5-Trimethylbenzene	2.598	2.490	4.2	97	0.00
81	T	trans-1,4-Dichloro-2-butene	0.133	0.105	21.1#	85	0.00
82	T	4-Chlorotoluene	1.938	1.875	3.3	98	0.00
83	T	tert-Butylbenzene	2.730	2.602	4.7	95	0.00
84	T	1,2,4-Trimethylbenzene	2.543	2.450	3.7	97	0.00
85	T	sec-Butylbenzene	3.323	3.252	2.1	99	0.00
86	T	p-Isopropyltoluene	3.088	2.944	4.7	97	0.00
87	T	1,3-Dichlorobenzene	1.421	1.395	1.8	103	0.00
88	T	1,4-Dichlorobenzene	1.371	1.315	4.1	96	0.00
89	T	n-Butylbenzene	2.747	2.666	2.9	101	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.771	0.732	5.1	94	0.00
91 T	1,2-Dichlorobenzene	1.375	1.339	2.6	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.102	1.9	101	0.00
93 T	1,2,4-Trichlorobenzene	1.233	1.208	2.0	99	0.00
94 T	Hexachlorobutadiene	0.919	0.909	1.1	99	0.00
95 T	Naphthalene	1.854	1.849	0.3	98	0.00
96 T	1,2,3-Trichlorobenzene	1.195	1.193	0.2	99	0.00

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