Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
Data File : VD061695.D
Acq On : 10 Apr 2019 2:03
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Apr 10 05:15:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 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	84	0.04
2	T	Dichlorodifluoromethane	0.539	0.455	15.6	70	0.01
3	P	Chloromethane	0.436	0.362	17.0	71	0.01
4	C	Vinyl Chloride	0.407	0.337	17.2#	71	0.01
5	T	Bromomethane	0.094	0.082	12.8	74	0.00
6	T	Chloroethane	0.128	0.134	-4.7	77	0.01
7	T	Trichlorofluoromethane	0.615	0.509	17.2	72	0.02
8	T	Diethyl Ether	0.173	0.189	-9.2	91	0.03
9	T	1,1,2-Trichlorotrifluoroeth	0.605	0.515	14.9	72	0.02
10	T	Methyl Iodide	0.757	0.838	-10.7	77	0.02
11	T	Tert butyl alcohol	0.025	0.027	-8.0	86	0.03
12	CM	1,1-Dichloroethene	0.521	0.448	14.0#	71	0.02
13	T	Acrolein	0.031	0.033	-6.5	107	0.02
14	T	Allyl chloride	0.711	0.662	6.9	74	0.03
15	T	Acrylonitrile	0.087	0.088	-1.1	80	0.03
16	T	Acetone	0.113	0.093	17.7	63	0.02
17	T	Carbon Disulfide	1.694	1.356	20.0	64	0.03
18	T	Methyl Acetate	0.213	0.228	-7.0	91	0.03
19	T	Methyl tert-butyl Ether	0.903	0.932	-3.2	83	0.04
20	T	Methylene Chloride	0.643	0.570	11.4	82	0.03
21	T	trans-1,2-Dichloroethene	0.566	0.521	8.0	72	0.03
22	T	Diisopropyl ether	1.491	1.537	-3.1	89	0.02
23	T	Vinyl Acetate	0.822	0.841	-2.3	81	0.04
24	P	1,1-Dichloroethane	0.913	0.827	9.4	75	0.04
25	T	2-Butanone	0.131	0.127	3.1	79	0.03
26	T	2,2-Dichloropropane	0.744	0.656	11.8	72	0.03
27	T	cis-1,2-Dichloroethene	0.604	0.604	0.0	81	0.03
28	T	Bromochloromethane	0.337	0.402	-19.3	94	0.03
29		Tetrahydrofuran	0.063	0.067	-6.3	90	0.04
30	C	Chloroform	0.957	0.903	5.6#	79	0.03
31	T	Cyclohexane	0.714	0.605	15.3	68	0.04
32	T	1,1,1-Trichloroethane	0.839	0.817	2.6	81	0.04
33	S	1,2-Dichloroethane-d4	0.379	0.382	-0.8	85	0.03
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.04
35	S	Dibromofluoromethane	0.346	0.335	3.2	83	0.03
36	T	1,1-Dichloropropene	0.438	0.378	13.7	70	0.03
37	T	Ethyl Acetate	0.178	0.182	-2.2	80	0.04
38	T	Carbon Tetrachloride	0.513	0.481	6.2	80	0.04
39	T	Methylcyclohexane	0.449	0.382	14.9	67	0.03
40	TM	Benzene	1.056	1.040	1.5	78	0.03
41	T	Methacrylonitrile	0.208	0.229	-10.1	90	0.04
42	TM	1,2-Dichloroethane	0.332	0.351	-5.7	84	0.04
43	T	Isopropyl Acetate	0.259	0.270	-4.2	84	0.03
44	TM	Trichloroethene	0.405	0.358	11.6	71	0.03
45	C	1,2-Dichloropropane	0.262	0.247	5.7#	76	0.03

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.187	0.193	-3.2	85	0.03
47	T	Bromodichloromethane	0.411	0.442	-7.5	90	0.03
48	T	Methyl methacrylate	0.149	0.156	-4.7	86	0.03
49	T	1,4-Dioxane	0.002	0.002	0.0	82	0.02
50	S	Toluene-d8	0.870	0.709	18.5	76	0.03
51	T	4-Methyl-2-Pentanone	0.153	0.164	-7.2	89	0.03
52	CM	Toluene	0.659	0.648	1.7#	80	0.03
53	T	t-1,3-Dichloropropene	0.360	0.369	-2.5	80	0.03
54	T	cis-1,3-Dichloropropene	0.444	0.460	-3.6	80	0.02
55	T	1,1,2-Trichloroethane	0.222	0.224	-0.9	85	0.03
56	T	Ethyl methacrylate	0.235	0.243	-3.4	83	0.03
57	T	1,3-Dichloropropane	0.326	0.341	-4.6	84	0.03
58	T	2-Chloroethyl Vinyl ether	0.111	0.122	-9.9	96	0.03
59	T	2-Hexanone	0.119	0.116	2.5	80	0.02
60	T	Dibromochloromethane	0.351	0.382	-8.8	88	0.02
61	T	1,2-Dibromoethane	0.260	0.279	-7.3	86	0.02
62	S	4-Bromofluorobenzene	0.328	0.296	9.8	79	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.02
64	T	Tetrachloroethene	0.388	0.363	6.4	80	0.03
65	PM	Chlorobenzene	0.992	0.900	9.3	72	0.02
66	T	1,1,1,2-Tetrachloroethane	0.382	0.396	-3.7	85	0.02
67	C	Ethyl Benzene	1.510	1.451	3.9#	83	0.02
68	T	m/p-Xylenes	0.582	0.530	8.9	72	0.02
69	T	o-Xylene	0.562	0.519	7.7	75	0.02
70	T	Styrene	0.960	0.872	9.2	78	0.00
71	P	Bromoform	0.237	0.255	-7.6	89	0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73	T	Isopropylbenzene	3.332	3.258	2.2	85	0.02
74	T	N-amyl acetate	0.905	0.963	-6.4	83	0.02
75	P	1,1,2,2-Tetrachloroethane	0.689	0.721	-4.6	86	0.01
76	T	1,2,3-Trichloropropane	0.680	0.721	-6.0	84	0.00
77	T	Bromobenzene	0.967	0.983	-1.7	82	0.02
78	T	n-propylbenzene	3.985	3.992	-0.2	89	0.02
79	T	2-Chlorotoluene	2.279	2.176	4.5	75	0.01
80	T	1,3,5-Trimethylbenzene	2.644	2.639	0.2	84	0.02
81	T	trans-1,4-Dichloro-2-butene	0.206	0.218	-5.8	86	0.00
82	T	4-Chlorotoluene	2.497	2.540	-1.7	86	0.01
83	T	tert-Butylbenzene	3.188	3.061	4.0	76	0.02
84	T	1,2,4-Trimethylbenzene	2.669	2.574	3.6	81	0.02
85	T	sec-Butylbenzene	3.445	3.088	10.4	73	0.02
86	T	p-Isopropyltoluene	2.988	2.826	5.4	77	0.00
87	T	1,3-Dichlorobenzene	1.664	1.638	1.6	82	0.02
88	T	1,4-Dichlorobenzene	1.679	1.669	0.6	83	0.01
89	T	n-Butylbenzene	2.597	2.443	5.9	79	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.811	0.874	-7.8	88	0.02
91 T	1,2-Dichlorobenzene	1.372	1.404	-2.3	85	0.02
92 T	1,2-Dibromo-3-Chloropropane	0.083	0.097	-16.9	90	0.02
93 T	1,2,4-Trichlorobenzene	0.699	0.793	-13.4	88	0.01
94 T	Hexachlorobutadiene	0.540	0.604	-11.9	82	0.00
95 T	Naphthalene	1.106	1.427	-29.0#	99	0.01
96 T	1,2,3-Trichlorobenzene	0.349	0.502	-43.8#	103	0.01

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