Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051519\
Data File : VD062385.D
Acq On : 15 May 2019 13:41
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: May 16 04:03:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 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	83	0.04
2	T	Dichlorodifluoromethane	0.478	0.444	7.1	76	0.02
3	P	Chloromethane	0.346	0.293	15.3	74	0.02
4	C	Vinyl Chloride	0.340	0.311	8.5#	73	0.03
5	T	Bromomethane	0.080	0.113	-41.3#	111	0.02
6	T	Chloroethane	0.142	0.163	-14.8	87	0.03
7	T	Trichlorofluoromethane	0.660	0.781	-18.3	97	0.03
8	T	Diethyl Ether	0.127	0.095	25.2#	61	0.04
9	T	1,1,2-Trichlorotrifluoroeth	0.499	0.484	3.0	77	0.03
10	T	Methyl Iodide	0.755	0.611	19.1	66	0.03
11	T	Tert butyl alcohol	0.024	0.021	12.5	78	0.06
12	CM	1,1-Dichloroethene	0.381	0.354	7.1#	71	0.03
13	T	Acrolein	0.025	0.022	12.0	79	0.04
14	T	Allyl chloride	0.554	0.521	6.0	75	0.04
15	T	Acrylonitrile	0.062	0.057	8.1	77	0.05
16	T	Acetone	0.097	0.113	-16.5	94	0.04
17	T	Carbon Disulfide	1.097	0.959	12.6	70	0.03
18	T	Methyl Acetate	0.191	0.152	20.4#	75	0.04
19	T	Methyl tert-butyl Ether	0.817	0.837	-2.4	84	0.05
20	T	Methylene Chloride	0.407	0.385	5.4	81	0.04
21	T	trans-1,2-Dichloroethene	0.424	0.409	3.5	76	0.04
22	T	Diisopropyl ether	1.180	1.192	-1.0	84	0.05
23	T	Vinyl Acetate	0.622	0.694	-11.6	89	0.06
24	P	1,1-Dichloroethane	0.712	0.716	-0.6	86	0.04
25	T	2-Butanone	0.106	0.113	-6.6	92	0.05
26	T	2,2-Dichloropropane	0.709	0.759	-7.1	92	0.04
27	T	cis-1,2-Dichloroethene	0.475	0.449	5.5	81	0.05
28	T	Bromochloromethane	0.280	0.319	-13.9	96	0.04
29		Tetrahydrofuran	0.049	0.045	8.2	81	0.06
30	C	Chloroform	0.858	0.920	-7.2#	89	0.05
31	T	Cyclohexane	0.488	0.448	8.2	74	0.04
32	T	1,1,1-Trichloroethane	0.811	0.906	-11.7	91	0.05
33	S	1,2-Dichloroethane-d4	0.465	0.486	-4.5	85	0.05
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.04
35	S	Dibromofluoromethane	0.415	0.410	1.2	76	0.05
36	T	1,1-Dichloropropene	0.410	0.416	-1.5	83	0.05
37	T	Ethyl Acetate	0.174	0.177	-1.7	82	0.05
38	T	Carbon Tetrachloride	0.567	0.656	-15.7	93	0.04
39	T	Methylcyclohexane	0.393	0.354	9.9	71	0.03
40	TM	Benzene	0.926	0.881	4.9	78	0.04
41	T	Methacrylonitrile	0.212	0.209	1.4	82	0.05
42	TM	1,2-Dichloroethane	0.392	0.438	-11.7	91	0.05
43	T	Isopropyl Acetate	0.247	0.225	8.9	75	0.04
44	TM	Trichloroethene	0.353	0.345	2.3	77	0.04
45	C	1,2-Dichloropropane	0.229	0.230	-0.4#	82	0.03

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.186	0.195	-4.8	85	0.04
47	T	Bromodichloromethane	0.455	0.500	-9.9	89	0.04
48	T	Methyl methacrylate	0.152	0.154	-1.3	85	0.04
49	T	1,4-Dioxane	0.002	0.001	50.0#	75	0.04
50	S	Toluene-d8	1.000	0.904	9.6	68	0.03
51	T	4-Methyl-2-Pentanone	0.158	0.154	2.5	82	0.04
52	CM	Toluene	0.602	0.578	4.0#	78	0.03
53	T	t-1,3-Dichloropropene	0.394	0.420	-6.6	85	0.03
54	T	cis-1,3-Dichloropropene	0.429	0.420	2.1	76	0.03
55	T	1,1,2-Trichloroethane	0.213	0.213	0.0	78	0.03
56	T	Ethyl methacrylate	0.221	0.222	-0.5	78	0.03
57	T	1,3-Dichloropropane	0.322	0.307	4.7	72	0.03
58	T	2-Chloroethyl Vinyl ether	0.121	0.141	-16.5	93	0.03
59	T	2-Hexanone	0.117	0.126	-7.7	89	0.03
60	T	Dibromochloromethane	0.368	0.376	-2.2	81	0.03
61	T	1,2-Dibromoethane	0.259	0.252	2.7	80	0.03
62	S	4-Bromofluorobenzene	0.402	0.396	1.5	74	0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.02
64	T	Tetrachloroethene	0.391	0.380	2.8	80	0.04
65	PM	Chlorobenzene	0.931	0.906	2.7	84	0.03
66	T	1,1,1,2-Tetrachloroethane	0.405	0.419	-3.5	82	0.02
67	C	Ethyl Benzene	1.559	1.614	-3.5#	83	0.02
68	T	m/p-Xylenes	0.567	0.543	4.2	75	0.02
69	T	o-Xylene	0.527	0.537	-1.9	82	0.02
70	T	Styrene	0.893	0.918	-2.8	86	0.02
71	P	Bromoform	0.282	0.297	-5.3	84	0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.02
73	T	Isopropylbenzene	2.997	2.908	3.0	77	0.01
74	T	N-amyl acetate	0.786	0.735	6.5	75	0.02
75	P	1,1,2,2-Tetrachloroethane	0.567	0.562	0.9	83	0.01
76	T	1,2,3-Trichloropropane	0.594	0.589	0.8	84	0.02
77	T	Bromobenzene	0.839	0.861	-2.6	87	0.01
78	T	n-propylbenzene	3.575	3.537	1.1	82	0.02
79	T	2-Chlorotoluene	2.048	2.091	-2.1	82	0.02
80	T	1,3,5-Trimethylbenzene	2.524	2.471	2.1	79	0.01
81	T	trans-1,4-Dichloro-2-butene	0.168	0.161	4.2	73	0.01
82	T	4-Chlorotoluene	2.410	2.473	-2.6	83	0.02
83	T	tert-Butylbenzene	2.837	2.807	1.1	78	0.02
84	T	1,2,4-Trimethylbenzene	2.533	2.470	2.5	79	0.02
85	T	sec-Butylbenzene	3.110	2.935	5.6	76	0.01
86	T	p-Isopropyltoluene	2.779	2.584	7.0	70	0.02
87	T	1,3-Dichlorobenzene	1.533	1.470	4.1	77	0.01
88	T	1,4-Dichlorobenzene	1.506	1.373	8.8	76	0.01
89	T	n-Butylbenzene	2.494	2.588	-3.8	87	0.02

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90 T	Hexachloroethane	0.756	0.743	1.7	77	0.01
91 T	1,2-Dichlorobenzene	1.262	1.183	6.3	80	0.02
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.094	-1.1	82	0.01
93 T	1,2,4-Trichlorobenzene	0.919	0.866	5.8	80	0.01
94 T	Hexachlorobutadiene	0.683	0.734	-7.5	88	0.02
95 T	Naphthalene	1.283	1.274	0.7	79	0.02
96 T	1,2,3-Trichlorobenzene	0.578	0.620	-7.3	87	0.02

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