Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD040219\
Data File : VD061533.D
Acq On : 3 Apr 2019 1:48
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Apr 03 04:58:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 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	0.534	0.533	0.2	90	0.01
3	P	Chloromethane	0.435	0.380	12.6	86	0.01
4	C	Vinyl Chloride	0.400	0.404	-1.0#	91	0.01
5	T	Bromomethane	0.079	0.087	-10.1	89	0.02
6	T	Chloroethane	0.117	0.124	-6.0	78	0.02
7	T	Trichlorofluoromethane	0.581	0.565	2.8	87	0.02
8	T	Diethyl Ether	0.187	0.190	-1.6	91	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.625	0.639	-2.2	93	0.03
10	T	Methyl Iodide	0.826	0.909	-10.0	83	0.02
11	T	Tert butyl alcohol	0.027	0.030	-11.1	99	0.04
12	CM	1,1-Dichloroethene	0.537	0.551	-2.6#	94	0.03
13	T	Acrolein	0.023	0.016	30.4#	65	0.03
14	T	Allyl chloride	0.749	0.810	-8.1	98	0.03
15	T	Acrylonitrile	0.092	0.104	-13.0	98	0.04
16	T	Acetone	0.110	0.107	2.7	78	0.03
17	T	Carbon Disulfide	1.744	1.651	5.3	84	0.03
18	T	Methyl Acetate	0.231	0.264	-14.3	107	0.03
19	T	Methyl tert-butyl Ether	0.929	1.021	-9.9	98	0.04
20	T	Methylene Chloride	0.699	0.673	3.7	101	0.03
21	T	trans-1,2-Dichloroethene	0.579	0.602	-4.0	92	0.04
22	T	Diisopropyl ether	1.584	1.774	-12.0	97	0.05
23	T	Vinyl Acetate	0.860	0.922	-7.2	91	0.05
24	P	1,1-Dichloroethane	0.931	0.985	-5.8	94	0.04
25	T	2-Butanone	0.138	0.146	-5.8	90	0.05
26	T	2,2-Dichloropropane	0.740	0.760	-2.7	86	0.04
27	T	cis-1,2-Dichloroethene	0.635	0.693	-9.1	93	0.04
28	T	Bromochloromethane	0.376	0.433	-15.2	99	0.04
29		Tetrahydrofuran	0.067	0.076	-13.4	103	0.05
30	C	Chloroform	0.962	1.096	-13.9#	97	0.04
31	T	Cyclohexane	0.736	0.749	-1.8	85	0.04
32	T	1,1,1-Trichloroethane	0.849	0.916	-7.9	91	0.04
33	S	1,2-Dichloroethane-d4	0.427	0.466	-9.1	103	0.03
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.04
35	S	Dibromofluoromethane	0.382	0.389	-1.8	93	0.03
36	T	1,1-Dichloropropene	0.436	0.381	12.6	88	0.04
37	T	Ethyl Acetate	0.187	0.210	-12.3	103	0.04
38	T	Carbon Tetrachloride	0.501	0.468	6.6	90	0.04
39	T	Methylcyclohexane	0.454	0.456	-0.4	97	0.04
40	TM	Benzene	1.095	1.098	-0.3	96	0.03
41	T	Methacrylonitrile	0.218	0.242	-11.0	107	0.03
42	TM	1,2-Dichloroethane	0.328	0.356	-8.5	99	0.04
43	T	Isopropyl Acetate	0.272	0.307	-12.9	100	0.03
44	TM	Trichloroethene	0.408	0.405	0.7	96	0.04
45	C	1,2-Dichloropropane	0.278	0.286	-2.9#	94	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	0.198	-5.9	99	0.03
47	T	Bromodichloromethane	0.420	0.449	-6.9	98	0.03
48	T	Methyl methacrylate	0.150	0.157	-4.7	101	0.03
49	T	1,4-Dioxane	0.002	0.002	0.0	105	0.03
50	S	Toluene-d8	0.916	0.881	3.8	88	0.03
51	T	4-Methyl-2-Pentanone	0.165	0.182	-10.3	103	0.03
52	CM	Toluene	0.668	0.658	1.5#	97	0.03
53	T	t-1,3-Dichloropropene	0.381	0.391	-2.6	89	0.03
54	T	cis-1,3-Dichloropropene	0.464	0.470	-1.3	96	0.03
55	T	1,1,2-Trichloroethane	0.234	0.234	0.0	97	0.03
56	T	Ethyl methacrylate	0.251	0.270	-7.6	97	0.03
57	T	1,3-Dichloropropane	0.343	0.353	-2.9	94	0.02
58	T	2-Chloroethyl Vinyl ether	0.122	0.137	-12.3	109	0.03
59	T	2-Hexanone	0.120	0.122	-1.7	93	0.02
60	T	Dibromochloromethane	0.360	0.376	-4.4	98	0.02
61	T	1,2-Dibromoethane	0.271	0.259	4.4	89	0.02
62	S	4-Bromofluorobenzene	0.351	0.341	2.8	93	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.01
64	T	Tetrachloroethene	0.392	0.371	5.4	90	0.03
65	PM	Chlorobenzene	1.022	1.025	-0.3	99	0.02
66	T	1,1,1,2-Tetrachloroethane	0.396	0.419	-5.8	93	0.01
67	C	Ethyl Benzene	1.560	1.575	-1.0#	89	0.01
68	T	m/p-Xylenes	0.591	0.558	5.6	87	0.01
69	T	o-Xylene	0.573	0.578	-0.9	88	0.02
70	T	Styrene	0.999	0.949	5.0	87	0.01
71	P	Bromoform	0.251	0.263	-4.8	93	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.01
73	T	Isopropylbenzene	3.480	3.102	10.9	87	0.02
74	T	N-amyl acetate	0.969	0.991	-2.3	100	0.01
75	P	1,1,2,2-Tetrachloroethane	0.734	0.721	1.8	97	0.02
76	T	1,2,3-Trichloropropane	0.722	0.711	1.5	100	0.01
77	T	Bromobenzene	1.032	1.021	1.1	96	0.02
78	T	n-propylbenzene	4.259	3.955	7.1	85	0.01
79	T	2-Chlorotoluene	2.312	2.282	1.3	96	0.01
80	T	1,3,5-Trimethylbenzene	2.700	2.778	-2.9	99	0.01
81	T	trans-1,4-Dichloro-2-butene	0.220	0.206	6.4	84	0.02
82	T	4-Chlorotoluene	2.514	2.564	-2.0	100	0.01
83	T	tert-Butylbenzene	3.374	3.188	5.5	91	0.01
84	T	1,2,4-Trimethylbenzene	2.923	2.680	8.3	86	0.01
85	T	sec-Butylbenzene	3.585	3.409	4.9	91	0.01
86	T	p-Isopropyltoluene	3.031	3.155	-4.1	96	0.01
87	T	1,3-Dichlorobenzene	1.747	1.637	6.3	87	0.01
88	T	1,4-Dichlorobenzene	1.704	1.653	3.0	90	0.01
89	T	n-Butylbenzene	2.782	2.514	9.6	87	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.856	0.858	-0.2	90	0.00
91 T	1,2-Dichlorobenzene	1.433	1.355	5.4	93	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.086	0.100	-16.3	108	0.01
93 T	1,2,4-Trichlorobenzene	0.653	0.701	-7.4	91	0.01
94 T	Hexachlorobutadiene	0.510	0.519	-1.8	83	0.01
95 T	Naphthalene	0.995	1.071	-7.6	86	0.01
96 T	1,2,3-Trichlorobenzene	0.287	0.368	-28.2#	101	0.01

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