Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD032319\
Data File : VD061275.D
Acq On : 23 Mar 2019 12:11
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Mar 23 12:34:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 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	90	0.03
2	T	Dichlorodifluoromethane	0.495	0.451	8.9	83	0.00
3	P	Chloromethane	0.413	0.362	12.3	83	0.00
4	C	Vinyl Chloride	0.381	0.346	9.2#	80	0.00
5	T	Bromomethane	0.073	0.068	6.8	87	0.00
6	T	Chloroethane	0.114	0.117	-2.6	78	0.00
7	T	Trichlorofluoromethane	0.548	0.565	-3.1	86	0.00
8	T	Diethyl Ether	0.181	0.191	-5.5	89	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.612	0.618	-1.0	98	0.01
10	T	Methyl Iodide	0.714	0.887	-24.2#	90	0.01
11	T	Tert butyl alcohol	0.026	0.028	-7.7	88	0.02
12	CM	1,1-Dichloroethene	0.502	0.479	4.6#	89	0.01
13	T	Acrolein	0.038	0.029	23.7#	73	0.01
14	T	Allyl chloride	0.803	0.837	-4.2	91	0.02
15	T	Acrylonitrile	0.094	0.104	-10.6	103	0.02
16	T	Acetone	0.119	0.135	-13.4	99	0.02
17	T	Carbon Disulfide	1.693	1.523	10.0	81	0.01
18	T	Methyl Acetate	0.234	0.300	-28.2#	118	0.01
19	T	Methyl tert-butyl Ether	0.880	0.943	-7.2	94	0.02
20	T	Methylene Chloride	0.636	0.601	5.5	94	0.02
21	T	trans-1,2-Dichloroethene	0.543	0.546	-0.6	89	0.01
22	T	Diisopropyl ether	1.667	1.691	-1.4	87	0.02
23	T	Vinyl Acetate	0.856	0.875	-2.2	90	0.03
24	P	1,1-Dichloroethane	0.913	0.983	-7.7	93	0.03
25	T	2-Butanone	0.135	0.143	-5.9	89	0.02
26	T	2,2-Dichloropropane	0.713	0.797	-11.8	99	0.03
27	T	cis-1,2-Dichloroethene	0.576	0.626	-8.7	94	0.02
28	T	Bromochloromethane	0.387	0.349	9.8	79	0.02
29		Tetrahydrofuran	0.073	0.068	6.8	79	0.03
30	C	Chloroform	0.947	0.969	-2.3#	96	0.01
31	T	Cyclohexane	0.736	0.798	-8.4	90	0.02
32	T	1,1,1-Trichloroethane	0.818	0.900	-10.0	97	0.02
33	S	1,2-Dichloroethane-d4	0.416	0.372	10.6	81	0.03
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.02
35	S	Dibromofluoromethane	0.371	0.367	1.1	87	0.02
36	T	1,1-Dichloropropene	0.431	0.429	0.5	93	0.03
37	T	Ethyl Acetate	0.202	0.188	6.9	85	0.03
38	T	Carbon Tetrachloride	0.475	0.535	-12.6	105	0.02
39	T	Methylcyclohexane	0.447	0.454	-1.6	88	0.03
40	TM	Benzene	1.077	1.099	-2.0	87	0.03
41	T	Methacrylonitrile	0.233	0.229	1.7	86	0.02
42	TM	1,2-Dichloroethane	0.313	0.329	-5.1	90	0.03
43	T	Isopropyl Acetate	0.280	0.275	1.8	83	0.03
44	TM	Trichloroethene	0.372	0.405	-8.9	93	0.02
45	C	1,2-Dichloropropane	0.283	0.299	-5.7#	92	0.02

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.179	0.191	-6.7	94	0.02
47	T	Bromodichloromethane	0.405	0.451	-11.4	93	0.03
48	T	Methyl methacrylate	0.158	0.173	-9.5	94	0.03
49	T	1,4-Dioxane	0.002	0.002	0.0	96	0.02
50	S	Toluene-d8	0.932	0.819	12.1	79	0.03
51	T	4-Methyl-2-Pentanone	0.172	0.179	-4.1	92	0.03
52	CM	Toluene	0.670	0.683	-1.9#	89	0.03
53	T	t-1,3-Dichloropropene	0.370	0.421	-13.8	100	0.03
54	T	cis-1,3-Dichloropropene	0.445	0.497	-11.7	103	0.02
55	T	1,1,2-Trichloroethane	0.223	0.249	-11.7	100	0.02
56	T	Ethyl methacrylate	0.233	0.241	-3.4	90	0.02
57	T	1,3-Dichloropropane	0.333	0.329	1.2	90	0.02
58	T	2-Chloroethyl Vinyl ether	0.124	0.119	4.0	90	0.02
59	T	2-Hexanone	0.126	0.131	-4.0	90	0.02
60	T	Dibromochloromethane	0.328	0.370	-12.8	96	0.02
61	T	1,2-Dibromoethane	0.259	0.275	-6.2	90	0.02
62	S	4-Bromofluorobenzene	0.362	0.316	12.7	83	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.02
64	T	Tetrachloroethene	0.338	0.372	-10.1	91	0.03
65	PM	Chlorobenzene	0.980	1.089	-11.1	94	0.02
66	T	1,1,1,2-Tetrachloroethane	0.349	0.420	-20.3#	98	0.02
67	C	Ethyl Benzene	1.459	1.621	-11.1#	95	0.02
68	T	m/p-Xylenes	0.573	0.544	5.1	80	0.02
69	T	o-Xylene	0.563	0.602	-6.9	94	0.01
70	T	Styrene	0.919	0.956	-4.0	91	0.01
71	P	Bromoform	0.225	0.266	-18.2	96	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.01
73	T	Isopropylbenzene	3.603	3.628	-0.7	95	0.01
74	T	N-amyl acetate	1.015	0.968	4.6	85	0.01
75	P	1,1,2,2-Tetrachloroethane	0.703	0.768	-9.2	99	0.01
76	T	1,2,3-Trichloropropane	0.719	0.783	-8.9	96	0.01
77	T	Bromobenzene	0.920	1.045	-13.6	100	0.01
78	T	n-propylbenzene	4.218	4.387	-4.0	92	0.02
79	T	2-Chlorotoluene	2.322	2.483	-6.9	105	0.01
80	T	1,3,5-Trimethylbenzene	2.736	2.639	3.5	82	0.02
81	T	trans-1,4-Dichloro-2-butene	0.212	0.236	-11.3	95	0.01
82	T	4-Chlorotoluene	2.746	2.763	-0.6	88	0.01
83	T	tert-Butylbenzene	2.994	3.417	-14.1	93	0.01
84	T	1,2,4-Trimethylbenzene	2.736	2.639	3.5	82	0.02
85	T	sec-Butylbenzene	3.655	3.921	-7.3	104	0.01
86	T	p-Isopropyltoluene	2.987	3.100	-3.8	90	0.01
87	T	1,3-Dichlorobenzene	1.643	1.744	-6.1	95	0.01
88	T	1,4-Dichlorobenzene	1.614	1.783	-10.5	102	0.01
89	T	n-Butylbenzene	2.869	2.647	7.7	82	0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90	T	Hexachloroethane	0.844	0.953	-12.9	98	0.01
91	T	1,2-Dichlorobenzene	1.369	1.372	-0.2	86	0.02
92	T	1,2-Dibromo-3-Chloropropane	0.085	0.099	-16.5	100	0.01
93	T	1,2,4-Trichlorobenzene	0.635	0.689	-8.5	91	0.01
94	T	Hexachlorobutadiene	0.480	0.580	-20.8#	113	0.02
95	T	Naphthalene	0.965	1.052	-9.0	103	0.01
96	T	1,2,3-Trichlorobenzene	0.314	0.345	-9.9	110	0.01

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