Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
Data File : VD061443.D
Acq On : 31 Mar 2019 13:11
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: Apr 01 03:40:52 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	88	0.05
2	T	Dichlorodifluoromethane	0.534	0.482	9.7	85	0.01
3	P	Chloromethane	0.435	0.366	15.9	87	0.01
4	C	Vinyl Chloride	0.400	0.353	11.8#	83	0.01
5	T	Bromomethane	0.079	0.067	15.2	72	0.02
6	T	Chloroethane	0.117	0.116	0.9	77	0.01
7	T	Trichlorofluoromethane	0.581	0.508	12.6	82	0.02
8	T	Diethyl Ether	0.187	0.175	6.4	87	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.625	0.575	8.0	88	0.03
10	T	Methyl Iodide	0.826	0.749	9.3	72	0.03
11	T	Tert butyl alcohol	0.027	0.029	-7.4	99	0.04
12	CM	1,1-Dichloroethene	0.537	0.479	10.8#	85	0.04
13	T	Acrolein	0.023	0.023	0.0	98	0.03
14	T	Allyl chloride	0.749	0.689	8.0	87	0.04
15	T	Acrylonitrile	0.092	0.094	-2.2	92	0.04
16	T	Acetone	0.110	0.121	-10.0	92	0.04
17	T	Carbon Disulfide	1.744	1.485	14.9	79	0.03
18	T	Methyl Acetate	0.231	0.219	5.2	94	0.04
19	T	Methyl tert-butyl Ether	0.929	0.918	1.2	92	0.05
20	T	Methylene Chloride	0.699	0.524	25.0#	83	0.04
21	T	trans-1,2-Dichloroethene	0.579	0.544	6.0	87	0.05
22	T	Diisopropyl ether	1.584	1.488	6.1	85	0.06
23	T	Vinyl Acetate	0.860	0.800	7.0	83	0.07
24	P	1,1-Dichloroethane	0.931	0.876	5.9	88	0.06
25	T	2-Butanone	0.138	0.141	-2.2	91	0.06
26	T	2,2-Dichloropropane	0.740	0.702	5.1	83	0.06
27	T	cis-1,2-Dichloroethene	0.635	0.585	7.9	82	0.05
28	T	Bromochloromethane	0.376	0.358	4.8	86	0.06
29		Tetrahydrofuran	0.067	0.071	-6.0	101	0.06
30	C	Chloroform	0.962	0.922	4.2#	85	0.06
31	T	Cyclohexane	0.736	0.709	3.7	85	0.05
32	T	1,1,1-Trichloroethane	0.849	0.811	4.5	84	0.06
33	S	1,2-Dichloroethane-d4	0.427	0.448	-4.9	104	0.05
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.05
35	S	Dibromofluoromethane	0.382	0.422	-10.5	98	0.05
36	T	1,1-Dichloropropene	0.436	0.415	4.8	93	0.06
37	T	Ethyl Acetate	0.187	0.194	-3.7	92	0.06
38	T	Carbon Tetrachloride	0.501	0.483	3.6	90	0.05
39	T	Methylcyclohexane	0.454	0.417	8.1	86	0.05
40	TM	Benzene	1.095	1.012	7.6	85	0.05
41	T	Methacrylonitrile	0.218	0.231	-6.0	98	0.05
42	TM	1,2-Dichloroethane	0.328	0.315	4.0	85	0.06
43	T	Isopropyl Acetate	0.272	0.284	-4.4	89	0.05
44	TM	Trichloroethene	0.408	0.386	5.4	89	0.05
45	C	1,2-Dichloropropane	0.278	0.262	5.8#	83	0.04

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Quant Title : SW846 8260
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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.187	0.184	1.6	88	0.05
47	T	Bromodichloromethane	0.420	0.418	0.5	88	0.05
48	T	Methyl methacrylate	0.150	0.152	-1.3	94	0.05
49	T	1,4-Dioxane	0.002	0.002	0.0	97	0.04
50	S	Toluene-d8	0.916	1.042	-13.8	101	0.05
51	T	4-Methyl-2-Pentanone	0.165	0.165	0.0	90	0.05
52	CM	Toluene	0.668	0.629	5.8#	90	0.05
53	T	t-1,3-Dichloropropene	0.381	0.384	-0.8	84	0.05
54	T	cis-1,3-Dichloropropene	0.464	0.451	2.8	89	0.05
55	T	1,1,2-Trichloroethane	0.234	0.217	7.3	87	0.05
56	T	Ethyl methacrylate	0.251	0.236	6.0	82	0.05
57	T	1,3-Dichloropropane	0.343	0.328	4.4	85	0.04
58	T	2-Chloroethyl Vinyl ether	0.122	0.125	-2.5	96	0.05
59	T	2-Hexanone	0.120	0.127	-5.8	94	0.04
60	T	Dibromochloromethane	0.360	0.359	0.3	90	0.04
61	T	1,2-Dibromoethane	0.271	0.257	5.2	86	0.04
62	S	4-Bromofluorobenzene	0.351	0.407	-16.0	108	0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.03
64	T	Tetrachloroethene	0.392	0.359	8.4	88	0.05
65	PM	Chlorobenzene	1.022	0.958	6.3	93	0.03
66	T	1,1,1,2-Tetrachloroethane	0.396	0.363	8.3	81	0.03
67	C	Ethyl Benzene	1.560	1.413	9.4#	80	0.03
68	T	m/p-Xylenes	0.591	0.503	14.9	79	0.02
69	T	o-Xylene	0.573	0.494	13.8	76	0.03
70	T	Styrene	0.999	0.841	15.8	78	0.02
71	P	Bromoform	0.251	0.253	-0.8	90	0.03
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.02
73	T	Isopropylbenzene	3.480	3.793	-9.0	98	0.03
74	T	N-amyl acetate	0.969	1.033	-6.6	96	0.03
75	P	1,1,2,2-Tetrachloroethane	0.734	0.759	-3.4	94	0.03
76	T	1,2,3-Trichloropropane	0.722	0.706	2.2	91	0.02
77	T	Bromobenzene	1.032	1.016	1.6	88	0.03
78	T	n-propylbenzene	4.259	4.222	0.9	83	0.02
79	T	2-Chlorotoluene	2.312	2.379	-2.9	92	0.02
80	T	1,3,5-Trimethylbenzene	2.700	2.975	-10.2	98	0.02
81	T	trans-1,4-Dichloro-2-butene	0.220	0.238	-8.2	89	0.03
82	T	4-Chlorotoluene	2.514	2.604	-3.6	93	0.02
83	T	tert-Butylbenzene	3.374	3.369	0.1	89	0.02
84	T	1,2,4-Trimethylbenzene	2.923	2.984	-2.1	88	0.02
85	T	sec-Butylbenzene	3.585	3.637	-1.5	89	0.03
86	T	p-Isopropyltoluene	3.031	3.281	-8.2	92	0.02
87	T	1,3-Dichlorobenzene	1.747	1.674	4.2	82	0.03
88	T	1,4-Dichlorobenzene	1.704	1.691	0.8	85	0.02
89	T	n-Butylbenzene	2.782	2.977	-7.0	95	0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90	T	Hexachloroethane	0.856	0.879	-2.7	85	0.02
91	T	1,2-Dichlorobenzene	1.433	1.512	-5.5	96	0.02
92	T	1,2-Dibromo-3-Chloropropane	0.086	0.102	-18.6	102	0.02
93	T	1,2,4-Trichlorobenzene	0.653	0.800	-22.5#	96	0.02
94	T	Hexachlorobutadiene	0.510	0.603	-18.2	89	0.02
95	T	Naphthalene	0.995	1.321	-32.8#	97	0.02
96	T	1,2,3-Trichlorobenzene	0.287	0.480	-67.2#	121	0.02

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