Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD062119\
Data File : VD062806.D
Acq On : 21 Jun 2019 10:13
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jun 22 04:27:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 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	95	0.02
2	T	Dichlorodifluoromethane	0.647	0.608	6.0	90	0.01
3	P	Chloromethane	0.487	0.418	14.2	85	0.02
4	C	Vinyl Chloride	0.482	0.422	12.4#	81	0.02
5	T	Bromomethane	0.226	0.231	-2.2	84	0.01
6	T	Chloroethane	0.218	0.208	4.6	84	0.01
7	T	Trichlorofluoromethane	0.976	0.994	-1.8	95	0.01
8	T	Diethyl Ether	0.124	0.129	-4.0	88	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.529	0.504	4.7	92	0.01
10	T	Methyl Iodide	0.698	0.627	10.2	81	0.01
11	T	Tert butyl alcohol	0.025	0.023	8.0	93	0.02
12	CM	1,1-Dichloroethene	0.397	0.382	3.8#	92	0.01
13	T	Acrolein	0.025	0.031	-24.0#	124	0.02
14	T	Allyl chloride	0.586	0.562	4.1	87	0.02
15	T	Acrylonitrile	0.058	0.053	8.6	85	0.03
16	T	Acetone	0.122	0.115	5.7	99	0.01
17	T	Carbon Disulfide	1.268	1.114	12.1	82	0.01
18	T	Methyl Acetate	0.164	0.170	-3.7	101	0.02
19	T	Methyl tert-butyl Ether	0.859	0.881	-2.6	91	0.02
20	T	Methylene Chloride	0.414	0.370	10.6	86	0.02
21	T	trans-1,2-Dichloroethene	0.423	0.398	5.9	88	0.02
22	T	Diisopropyl ether	1.192	1.152	3.4	91	0.03
23	T	Vinyl Acetate	0.746	0.747	-0.1	92	0.03
24	P	1,1-Dichloroethane	0.776	0.746	3.9	88	0.02
25	T	2-Butanone	0.102	0.108	-5.9	98	0.03
26	T	2,2-Dichloropropane	0.823	0.858	-4.3	95	0.03
27	T	cis-1,2-Dichloroethene	0.447	0.425	4.9	89	0.02
28	T	Bromochloromethane	0.273	0.225	17.6	78	0.02
29		Tetrahydrofuran	0.048	0.051	-6.2	100	0.02
30	C	Chloroform	0.944	0.962	-1.9#	94	0.02
31	T	Cyclohexane	0.510	0.478	6.3	87	0.02
32	T	1,1,1-Trichloroethane	0.983	1.024	-4.2	94	0.03
33	S	1,2-Dichloroethane-d4	0.543	0.492	9.4	91	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.02
35	S	Dibromofluoromethane	0.422	0.351	16.8	87	0.02
36	T	1,1-Dichloropropene	0.473	0.459	3.0	90	0.03
37	T	Ethyl Acetate	0.217	0.182	16.1	88	0.02
38	T	Carbon Tetrachloride	0.712	0.734	-3.1	97	0.02
39	T	Methylcyclohexane	0.417	0.377	9.6	84	0.02
40	TM	Benzene	0.950	0.926	2.5	91	0.02
41	T	Methacrylonitrile	0.250	0.253	-1.2	96	0.03
42	TM	1,2-Dichloroethane	0.518	0.573	-10.6	101	0.02
43	T	Isopropyl Acetate	0.248	0.251	-1.2	91	0.02
44	TM	Trichloroethene	0.372	0.350	5.9	86	0.02
45	C	1,2-Dichloropropane	0.236	0.222	5.9#	90	0.02

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.203	0.208	-2.5	98	0.02
47	T	Bromodichloromethane	0.527	0.572	-8.5	96	0.02
48	T	Methyl methacrylate	0.176	0.177	-0.6	99	0.02
49	T	1,4-Dioxane	0.001	0.002	-100.0#	98	0.02
50	S	Toluene-d8	0.918	0.781	14.9	83	0.02
51	T	4-Methyl-2-Pentanone	0.176	0.184	-4.5	101	0.02
52	CM	Toluene	0.639	0.609	4.7#	88	0.02
53	T	t-1,3-Dichloropropene	0.431	0.466	-8.1	101	0.02
54	T	cis-1,3-Dichloropropene	0.469	0.485	-3.4	96	0.02
55	T	1,1,2-Trichloroethane	0.219	0.218	0.5	98	0.02
56	T	Ethyl methacrylate	0.234	0.233	0.4	92	0.02
57	T	1,3-Dichloropropane	0.336	0.350	-4.2	97	0.02
58	T	2-Chloroethyl Vinyl ether	0.120	0.119	0.8	96	0.02
59	T	2-Hexanone	0.125	0.147	-17.6	109	0.02
60	T	Dibromochloromethane	0.409	0.434	-6.1	100	0.01
61	T	1,2-Dibromoethane	0.259	0.268	-3.5	98	0.01
62	S	4-Bromofluorobenzene	0.417	0.344	17.5	83	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.01
64	T	Tetrachloroethene	0.412	0.384	6.8	91	0.02
65	PM	Chlorobenzene	0.928	0.888	4.3	89	0.01
66	T	1,1,1,2-Tetrachloroethane	0.434	0.432	0.5	93	0.02
67	C	Ethyl Benzene	1.666	1.608	3.5#	94	0.01
68	T	m/p-Xylenes	0.580	0.554	4.5	88	0.01
69	T	o-Xylene	0.530	0.551	-4.0	93	0.01
70	T	Styrene	0.932	0.949	-1.8	94	0.01
71	P	Bromoform	0.297	0.318	-7.1	100	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.01
73	T	Isopropylbenzene	3.206	2.874	10.4	92	0.01
74	T	N-amyl acetate	0.779	0.809	-3.9	100	0.01
75	P	1,1,2,2-Tetrachloroethane	0.522	0.515	1.3	105	0.01
76	T	1,2,3-Trichloropropane	0.577	0.554	4.0	97	0.01
77	T	Bromobenzene	0.862	0.849	1.5	97	0.01
78	T	n-propylbenzene	3.731	3.449	7.6	98	0.00
79	T	2-Chlorotoluene	2.132	2.078	2.5	100	0.01
80	T	1,3,5-Trimethylbenzene	2.693	2.615	2.9	101	0.01
81	T	trans-1,4-Dichloro-2-butene	0.151	0.150	0.7	101	0.01
82	T	4-Chlorotoluene	2.567	2.450	4.6	100	0.01
83	T	tert-Butylbenzene	3.002	2.775	7.6	94	0.00
84	T	1,2,4-Trimethylbenzene	2.760	2.565	7.1	92	0.00
85	T	sec-Butylbenzene	3.262	2.776	14.9	89	0.01
86	T	p-Isopropyltoluene	2.984	2.756	7.6	90	0.01
87	T	1,3-Dichlorobenzene	1.546	1.492	3.5	98	0.01
88	T	1,4-Dichlorobenzene	1.553	1.402	9.7	92	0.01
89	T	n-Butylbenzene	2.793	2.327	16.7	88	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.802	0.765	4.6	93	0.01
91 T	1,2-Dichlorobenzene	1.322	1.187	10.2	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.106	-3.9	102	0.01
93 T	1,2,4-Trichlorobenzene	1.033	0.990	4.2	101	0.01
94 T	Hexachlorobutadiene	0.789	0.722	8.5	94	0.01
95 T	Naphthalene	1.448	1.264	12.7	86	0.01
96 T	1,2,3-Trichlorobenzene	0.794	0.778	2.0	101	0.01

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