Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
Data File : VD063450.D
Acq On : 8 Aug 2019 20:35
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 09 07:00:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 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	0.611	0.502	17.8	86	0.01
3	P	Chloromethane	0.475	0.438	7.8	97	0.01
4	C	Vinyl Chloride	0.492	0.451	8.3#	90	0.01
5	T	Bromomethane	0.248	0.227	8.5	87	0.01
6	T	Chloroethane	0.227	0.207	8.8	89	0.01
7	T	Trichlorofluoromethane	0.954	0.896	6.1	91	0.02
8	T	Diethyl Ether	0.133	0.114	14.3	87	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.528	0.551	-4.4	111	0.01
10	T	Methyl Iodide	0.763	0.739	3.1	87	0.02
11	T	Tert butyl alcohol	0.024	0.023	4.2	103	0.03
12	CM	1,1-Dichloroethene	0.388	0.406	-4.6#	107	0.02
13	T	Acrolein	0.023	0.017	26.1#	76	0.01
14	T	Allyl chloride	0.618	0.593	4.0	92	0.03
15	T	Acrylonitrile	0.063	0.062	1.6	103	0.02
16	T	Acetone	0.108	0.094	13.0	84	0.01
17	T	Carbon Disulfide	1.298	1.159	10.7	87	0.01
18	T	Methyl Acetate	0.208	0.217	-4.3	113	0.02
19	T	Methyl tert-butyl Ether	0.876	0.863	1.5	99	0.02
20	T	Methylene Chloride	0.437	0.416	4.8	96	0.02
21	T	trans-1,2-Dichloroethene	0.435	0.424	2.5	99	0.02
22	T	Diisopropyl ether	1.234	1.209	2.0	96	0.02
23	T	Vinyl Acetate	0.759	0.752	0.9	96	0.02
24	P	1,1-Dichloroethane	0.788	0.791	-0.4	98	0.03
25	T	2-Butanone	0.108	0.107	0.9	95	0.02
26	T	2,2-Dichloropropane	0.813	0.789	3.0	92	0.02
27	T	cis-1,2-Dichloroethene	0.467	0.473	-1.3	95	0.03
28	T	Bromochloromethane	0.314	0.305	2.9	94	0.02
29		Tetrahydrofuran	0.051	0.049	3.9	96	0.02
30	C	Chloroform	0.978	0.960	1.8#	97	0.02
31	T	Cyclohexane	0.494	0.480	2.8	98	0.02
32	T	1,1,1-Trichloroethane	0.946	0.975	-3.1	100	0.02
33	S	1,2-Dichloroethane-d4	0.555	0.558	-0.5	91	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.02
35	S	Dibromofluoromethane	0.427	0.463	-8.4	104	0.03
36	T	1,1-Dichloropropene	0.456	0.458	-0.4	95	0.02
37	T	Ethyl Acetate	0.205	0.184	10.2	100	0.02
38	T	Carbon Tetrachloride	0.687	0.733	-6.7	98	0.03
39	T	Methylcyclohexane	0.380	0.378	0.5	96	0.02
40	TM	Benzene	0.956	0.940	1.7	92	0.03
41	T	Methacrylonitrile	0.245	0.233	4.9	95	0.01
42	TM	1,2-Dichloroethane	0.507	0.522	-3.0	101	0.02
43	T	Isopropyl Acetate	0.262	0.256	2.3	98	0.02
44	TM	Trichloroethene	0.388	0.373	3.9	94	0.02
45	C	1,2-Dichloropropane	0.243	0.233	4.1#	94	0.02

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.202	0.201	0.5	98	0.02
47	T	Bromodichloromethane	0.515	0.504	2.1	96	0.01
48	T	Methyl methacrylate	0.170	0.163	4.1	91	0.02
49	T	1,4-Dioxane	0.001	0.001	0.0	92	0.02
50	S	Toluene-d8	0.955	1.012	-6.0	96	0.02
51	T	4-Methyl-2-Pentanone	0.178	0.178	0.0	99	0.02
52	CM	Toluene	0.636	0.668	-5.0#	107	0.02
53	T	t-1,3-Dichloropropene	0.444	0.429	3.4	92	0.01
54	T	cis-1,3-Dichloropropene	0.467	0.447	4.3	91	0.02
55	T	1,1,2-Trichloroethane	0.215	0.218	-1.4	102	0.02
56	T	Ethyl methacrylate	0.235	0.237	-0.9	96	0.02
57	T	1,3-Dichloropropane	0.338	0.339	-0.3	95	0.02
58	T	2-Chloroethyl Vinyl ether	0.122	0.124	-1.6	98	0.02
59	T	2-Hexanone	0.128	0.121	5.5	98	0.02
60	T	Dibromochloromethane	0.406	0.408	-0.5	95	0.01
61	T	1,2-Dibromoethane	0.265	0.273	-3.0	102	0.01
62	S	4-Bromofluorobenzene	0.435	0.424	2.5	95	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.01
64	T	Tetrachloroethene	0.398	0.453	-13.8	111	0.02
65	PM	Chlorobenzene	0.962	1.019	-5.9	95	0.01
66	T	1,1,1,2-Tetrachloroethane	0.424	0.449	-5.9	97	0.01
67	C	Ethyl Benzene	1.634	1.710	-4.7#	97	0.01
68	T	m/p-Xylenes	0.599	0.634	-5.8	99	0.02
69	T	o-Xylene	0.550	0.608	-10.5	107	0.01
70	T	Styrene	0.976	1.059	-8.5	98	0.01
71	P	Bromoform	0.308	0.331	-7.5	98	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	3.138	3.030	3.4	95	0.01
74	T	N-amyl acetate	0.830	0.793	4.5	95	0.01
75	P	1,1,2,2-Tetrachloroethane	0.533	0.565	-6.0	105	0.01
76	T	1,2,3-Trichloropropane	0.601	0.578	3.8	93	0.01
77	T	Bromobenzene	0.894	0.886	0.9	101	0.01
78	T	n-propylbenzene	3.734	3.611	3.3	94	0.01
79	T	2-Chlorotoluene	2.164	2.143	1.0	100	0.01
80	T	1,3,5-Trimethylbenzene	2.707	2.616	3.4	102	0.01
81	T	trans-1,4-Dichloro-2-butene	0.167	0.141	15.6	82	0.01
82	T	4-Chlorotoluene	2.547	2.450	3.8	101	0.00
83	T	tert-Butylbenzene	3.090	2.955	4.4	97	0.01
84	T	1,2,4-Trimethylbenzene	2.800	2.668	4.7	94	0.01
85	T	sec-Butylbenzene	3.256	3.103	4.7	98	0.01
86	T	p-Isopropyltoluene	3.108	2.964	4.6	99	0.01
87	T	1,3-Dichlorobenzene	1.583	1.613	-1.9	105	0.01
88	T	1,4-Dichlorobenzene	1.601	1.544	3.6	97	0.00
89	T	n-Butylbenzene	2.684	2.573	4.1	94	0.01

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.810	0.741	8.5	95	0.01
91 T	1,2-Dichlorobenzene	1.379	1.272	7.8	90	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.109	0.096	11.9	109	0.01
93 T	1,2,4-Trichlorobenzene	1.094	0.971	11.2	92	0.00
94 T	Hexachlorobutadiene	0.793	0.761	4.0	95	0.01
95 T	Naphthalene	1.547	1.365	11.8	90	0.00
96 T	1,2,3-Trichlorobenzene	0.864	0.812	6.0	98	0.00

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