Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
Data File : VD076464.D
Acq On : 19 Jun 2023 11:22
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:22:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	117	0.00
2	T	Dichlorodifluoromethane	0.380	0.366	3.7	125	0.00
3	P	Chloromethane	0.790	0.687	13.0	107	0.00
4	C	Vinyl Chloride	0.881	0.792	10.1#	108	0.00
5	T	Bromomethane	0.573	0.473	17.5	107	0.00
6	T	Chloroethane	0.604	0.526	12.9	106	0.00
7	T	Trichlorofluoromethane	0.725	0.692	4.6	125	0.00
8	T	Diethyl Ether	0.273	0.241	11.7	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.467	0.464	0.6	127	0.00
10	T	Methyl Iodide	0.554	0.507	8.5	103	0.00
11	T	Tert butyl alcohol	0.043	0.035	18.6	100	0.00
12	CM	1,1-Dichloroethene	0.458	0.428	6.6#	115	0.00
13	T	Acrolein	0.047	0.041	12.8	107	0.00
14	T	Allyl chloride	0.837	0.735	12.2	104	0.00
15	T	Acrylonitrile	0.140	0.120	14.3	96	0.00
16	T	Acetone	0.119	0.125	-5.0	113	0.00
17	T	Carbon Disulfide	1.250	1.182	5.4	114	0.00
18	T	Methyl Acetate	0.549	0.479	12.8	99	0.00
19	T	Methyl tert-butyl Ether	1.251	1.148	8.2	104	0.00
20	T	Methylene Chloride	0.884	0.560	36.7#	92	0.00
21	T	trans-1,2-Dichloroethene	0.529	0.473	10.6	106	0.00
22	T	Diisopropyl ether	1.809	1.654	8.6	103	0.00
23	T	Vinyl Acetate	0.897	0.840	6.4	103	0.00
24	P	1,1-Dichloroethane	1.010	0.938	7.1	108	-0.01
25	T	2-Butanone	0.184	0.169	8.2	102	0.00
26	T	2,2-Dichloropropane	0.871	0.816	6.3	113	0.00
27	T	cis-1,2-Dichloroethene	0.640	0.591	7.7	106	0.00
28	T	Bromochloromethane	0.322	0.250	22.4	97	0.00
29	T	Tetrahydrofuran	0.118	0.103	12.7	97	0.00
30	C	Chloroform	1.000	0.901	9.9#	105	0.00
31	T	Cyclohexane	0.840	0.763	9.2	121	0.00
32	T	1,1,1-Trichloroethane	0.809	0.759	6.2	113	0.00
33	S	1,2-Dichloroethane-d4	0.501	0.446	11.0	103	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35	S	Dibromofluoromethane	0.297	0.272	8.4	101	0.00
36	T	1,1-Dichloropropene	0.416	0.408	1.9	116	0.00
37	T	Ethyl Acetate	0.241	0.222	7.9	105	0.00
38	T	Carbon Tetrachloride	0.372	0.375	-0.8	117	0.00
39	T	Methylcyclohexane	0.488	0.503	-3.1	124	0.00
40	TM	Benzene	1.268	1.204	5.0	107	0.00
41	T	Methacrylonitrile	0.136	0.129	5.1	101	0.00
42	TM	1,2-Dichloroethane	0.343	0.332	3.2	104	0.00
43	T	Isopropyl Acetate	0.456	0.435	4.6	104	0.00
44	TM	Trichloroethene	0.342	0.326	4.7	110	0.00
45	C	1,2-Dichloropropane	0.344	0.330	4.1#	107	0.00
46	T	Dibromomethane	0.184	0.170	7.6	100	0.00
47	T	Bromodichloromethane	0.441	0.410	7.0	103	0.00
48	T	Methyl methacrylate	0.209	0.198	5.3	101	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	102	0.00
50	S	Toluene-d8	1.126	1.024	9.1	101	0.00
51	T	4-Methyl-2-Pentanone	0.233	0.220	5.6	100	0.00
52	CM	Toluene	0.796	0.767	3.6#	109	0.00
53	T	t-1,3-Dichloropropene	0.447	0.426	4.7	101	0.00
54	T	cis-1,3-Dichloropropene	0.530	0.503	5.1	104	0.00
55	T	1,1,2-Trichloroethane	0.258	0.241	6.6	103	0.00
56	T	Ethyl methacrylate	0.337	0.314	6.8	99	0.00
57	T	1,3-Dichloropropane	0.441	0.406	7.9	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.130	9.1	103	0.00
59	T	2-Hexanone	0.162	0.161	0.6	105	0.00
60	T	Dibromochloromethane	0.300	0.283	5.7	102	0.00
61	T	1,2-Dibromoethane	0.242	0.228	5.8	103	0.00
62	S	4-Bromofluorobenzene	0.366	0.341	6.8	103	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64	T	Tetrachloroethene	0.300	0.297	1.0	113	0.00
65	PM	Chlorobenzene	0.950	0.914	3.8	105	0.00
66	T	1,1,1,2-Tetrachloroethane	0.340	0.338	0.6	107	0.00
67	C	Ethyl Benzene	1.683	1.636	2.8#	109	0.00
68	T	m/p-Xylenes	0.657	0.631	4.0	108	0.00
69	T	o-Xylene	0.625	0.607	2.9	108	0.00
70	T	Styrene	1.080	1.037	4.0	107	0.00
71	P	Bromoform	0.204	0.198	2.9	101	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73	T	Isopropylbenzene	3.366	3.240	3.7	112	0.00
74	T	N-amyl acetate	0.986	0.926	6.1	102	0.00
75	P	1,1,2,2-Tetrachloroethane	0.695	0.643	7.5	100	0.00
76	T	1,2,3-Trichloropropane	0.496	0.505	-1.8	121	0.00
77	T	Bromobenzene	0.831	0.770	7.3	107	0.00
78	T	n-propylbenzene	4.157	3.955	4.9	112	0.00
79	T	2-Chlorotoluene	2.283	2.149	5.9	109	0.00
80	T	1,3,5-Trimethylbenzene	2.749	2.625	4.5	110	0.00
81	T	trans-1,4-Dichloro-2-butene	0.226	0.214	5.3	101	0.00
82	T	4-Chlorotoluene	2.370	2.237	5.6	108	0.00
83	T	tert-Butylbenzene	2.443	2.346	4.0	114	0.00
84	T	1,2,4-Trimethylbenzene	2.770	2.620	5.4	108	0.00
85	T	sec-Butylbenzene	3.625	3.552	2.0	115	0.00
86	T	p-Isopropyltoluene	3.029	2.965	2.1	115	0.00
87	T	1,3-Dichlorobenzene	1.631	1.531	6.1	107	0.00
88	T	1,4-Dichlorobenzene	1.627	1.486	8.7	106	0.00
89	T	n-Butylbenzene	2.954	2.873	2.7	114	0.00
90	T	Hexachloroethane	0.559	0.562	-0.5	117	0.00
91	T	1,2-Dichlorobenzene	1.426	1.343	5.8	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.105	0.088	16.2	95	0.00
93	T	1,2,4-Trichlorobenzene	0.950	0.900	5.3	109	0.00
94	T	Hexachlorobutadiene	0.462	0.456	1.3	118	0.00
95	T	Naphthalene	1.900	1.791	5.7	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.828	0.789	4.7	108	0.00

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