Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
Data File : VD077376.D
Acq On : 23 Oct 2023 10:25
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 24 09:07:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 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	102	0.00
2	T	Dichlorodifluoromethane	0.465	0.468	-0.6	108	0.00
3	P	Chloromethane	0.947	0.918	3.1	100	0.00
4	C	Vinyl Chloride	1.118	1.165	-4.2#	104	0.00
5	T	Bromomethane	0.719	0.751	-4.5	112	0.00
6	T	Chloroethane	0.786	0.816	-3.8	107	0.00
7	T	Trichlorofluoromethane	1.134	1.229	-8.4	116	0.00
8	T	Diethyl Ether	0.304	0.268	11.8	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.587	0.529	9.9	106	0.00
10	T	Methyl Iodide	0.718	0.582	18.9	86	0.00
11	T	Tert butyl alcohol	0.025	0.025	0.0	111	-0.01
12	CM	1,1-Dichloroethene	0.576	0.494	14.2#	99	0.00
13	T	Acrolein	0.044	0.032	27.3#	100	0.00
14	T	Allyl chloride	0.546	0.531	2.7	108	0.00
15	T	Acrylonitrile	0.092	0.106	-15.2	117	0.00
16	T	Acetone	0.098	0.111	-13.3	137	0.00
17	T	Carbon Disulfide	1.692	1.520	10.2	99	0.01
18	T	Methyl Acetate	0.341	0.365	-7.0	122	0.00
19	T	Methyl tert-butyl Ether	0.981	1.075	-9.6	108	0.00
20	T	Methylene Chloride	0.689	0.599	13.1	98	0.00
21	T	trans-1,2-Dichloroethene	0.599	0.594	0.8	99	0.00
22	T	Diisopropyl ether	1.072	1.282	-19.6	112	0.00
23	T	Vinyl Acetate	0.503	0.629	-25.0#	138	0.00
24	P	1,1-Dichloroethane	0.892	0.941	-5.5	106	0.00
25	T	2-Butanone	0.102	0.132	-29.4#	131	0.00
26	T	2,2-Dichloropropane	0.813	0.908	-11.7	114	0.00
27	T	cis-1,2-Dichloroethene	0.671	0.761	-13.4	114	0.00
28	T	Bromochloromethane	0.326	0.368	-12.9	118	0.00
29	T	Tetrahydrofuran	0.059	0.075	-27.1#	125	0.00
30	C	Chloroform	1.023	1.045	-2.2#	102	0.00
31	T	Cyclohexane	0.695	0.703	-1.2	108	0.00
32	T	1,1,1-Trichloroethane	0.882	0.888	-0.7	101	0.00
33	S	1,2-Dichloroethane-d4	0.446	0.417	6.5	102	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35	S	Dibromofluoromethane	0.351	0.303	13.7	101	0.00
36	T	1,1-Dichloropropene	0.462	0.465	-0.6	106	0.00
37	T	Ethyl Acetate	0.145	0.180	-24.1	145	0.00
38	T	Carbon Tetrachloride	0.513	0.483	5.8	101	0.00
39	T	Methylcyclohexane	0.561	0.528	5.9	99	0.00
40	TM	Benzene	1.401	1.391	0.7	103	0.00
41	T	Methacrylonitrile	0.069	0.085	-23.2	112	0.01
42	TM	1,2-Dichloroethane	0.330	0.334	-1.2	106	0.00
43	T	Isopropyl Acetate	0.261	0.292	-11.9	118	0.00
44	TM	Trichloroethene	0.410	0.365	11.0	94	0.00
45	C	1,2-Dichloropropane	0.323	0.331	-2.5#	106	0.00
46	T	Dibromomethane	0.202	0.199	1.5	103	0.00
47	T	Bromodichloromethane	0.481	0.480	0.2	104	0.00
48	T	Methyl methacrylate	0.118	0.135	-14.4	117	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	110	0.00
50	S	Toluene-d8	1.258	1.112	11.6	100	0.00
51	T	4-Methyl-2-Pentanone	0.131	0.161	-22.9	124	0.00
52	CM	Toluene	0.915	0.898	1.9#	99	0.00
53	T	t-1,3-Dichloropropene	0.432	0.439	-1.6	103	0.00
54	T	cis-1,3-Dichloropropene	0.529	0.533	-0.8	103	0.00
55	T	1,1,2-Trichloroethane	0.280	0.279	0.4	104	0.00
56	T	Ethyl methacrylate	0.267	0.290	-8.6	108	0.00
57	T	1,3-Dichloropropane	0.429	0.445	-3.7	108	0.00
58	T	2-Chloroethyl Vinyl ether	0.132	0.146	-10.6	112	0.00
59	T	2-Hexanone	0.094	0.118	-25.5#	126	0.00
60	T	Dibromochloromethane	0.357	0.340	4.8	100	0.00
61	T	1,2-Dibromoethane	0.263	0.262	0.4	104	0.00
62	S	4-Bromofluorobenzene	0.362	0.396	-9.4	121	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64	T	Tetrachloroethene	0.372	0.328	11.8	93	0.00
65	PM	Chlorobenzene	1.090	1.018	6.6	97	0.00
66	T	1,1,1,2-Tetrachloroethane	0.414	0.393	5.1	99	0.00
67	C	Ethyl Benzene	1.807	1.791	0.9#	99	0.00
68	T	m/p-Xylenes	0.742	0.735	0.9	99	0.00
69	T	o-Xylene	0.683	0.676	1.0	98	0.00
70	T	Styrene	1.165	1.194	-2.5	99	0.00
71	P	Bromoform	0.227	0.225	0.9	102	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73	T	Isopropylbenzene	3.307	3.671	-11.0	112	0.00
74	T	N-amyl acetate	0.476	0.537	-12.8	118	0.00
75	P	1,1,2,2-Tetrachloroethane	0.601	0.703	-17.0	125	0.00
76	T	1,2,3-Trichloropropane	0.583	0.906	-55.4#	139	0.00
77	T	Bromobenzene	0.868	0.916	-5.5	109	0.00
78	T	n-propylbenzene	3.983	5.610	-40.8#	142	0.00
79	T	2-Chlorotoluene	2.169	2.851	-31.4#	136	0.00
80	T	1,3,5-Trimethylbenzene	2.729	3.420	-25.3#	126	0.00
81	T	trans-1,4-Dichloro-2-butene	0.187	0.222	-18.7	122	0.00
82	T	4-Chlorotoluene	2.259	2.494	-10.4	114	0.00
83	T	tert-Butylbenzene	2.420	2.468	-2.0	106	0.00
84	T	1,2,4-Trimethylbenzene	2.748	2.798	-1.8	101	0.00
85	T	sec-Butylbenzene	3.641	3.640	0.0	102	0.00
86	T	p-Isopropyltoluene	3.163	3.044	3.8	98	0.00
87	T	1,3-Dichlorobenzene	1.827	1.686	7.7	96	0.00
88	T	1,4-Dichlorobenzene	1.811	1.647	9.1	97	0.00
89	T	n-Butylbenzene	2.754	2.764	-0.4	103	0.00
90	T	Hexachloroethane	0.639	0.616	3.6	101	0.00
91	T	1,2-Dichlorobenzene	1.544	1.445	6.4	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.074	0.085	-14.9	112	0.00
93	T	1,2,4-Trichlorobenzene	0.962	0.839	12.8	92	0.00
94	T	Hexachlorobutadiene	0.546	0.451	17.4	90	0.00
95	T	Naphthalene	1.624	1.569	3.4	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.835	0.739	11.5	92	0.00

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