Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077388.D
Acq On : 24 Oct 2023 11:18
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 25 04:01:36 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	0.500	-7.5	116	0.00
3	P	Chloromethane	0.947	1.027	-8.4	112	0.00
4	C	Vinyl Chloride	1.118	1.246	-11.4#	112	0.00
5	T	Bromomethane	0.719	0.775	-7.8	115	0.00
6	T	Chloroethane	0.786	0.882	-12.2	116	0.00
7	T	Trichlorofluoromethane	1.134	1.352	-19.2	128	0.00
8	T	Diethyl Ether	0.304	0.253	16.8	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.587	0.578	1.5	116	0.00
10	T	Methyl Iodide	0.718	0.662	7.8	98	0.00
11	T	Tert butyl alcohol	0.025	0.026	-4.0	118	0.00
12	CM	1,1-Dichloroethene	0.576	0.542	5.9#	109	0.00
13	T	Acrolein	0.044	0.042	4.5	131	0.00
14	T	Allyl chloride	0.546	0.554	-1.5	113	0.00
15	T	Acrylonitrile	0.092	0.105	-14.1	117	0.00
16	T	Acetone	0.098	0.102	-4.1	125	0.00
17	T	Carbon Disulfide	1.692	1.623	4.1	106	0.00
18	T	Methyl Acetate	0.341	0.353	-3.5	119	0.00
19	T	Methyl tert-butyl Ether	0.981	1.096	-11.7	110	0.00
20	T	Methylene Chloride	0.689	0.679	1.5	112	0.00
21	T	trans-1,2-Dichloroethene	0.599	0.653	-9.0	109	0.00
22	T	Diisopropyl ether	1.072	1.323	-23.4	116	0.00
23	T	Vinyl Acetate	0.503	0.627	-24.7	138	0.00
24	P	1,1-Dichloroethane	0.892	1.009	-13.1	114	0.00
25	T	2-Butanone	0.102	0.119	-16.7	117	0.00
26	T	2,2-Dichloropropane	0.813	0.910	-11.9	115	0.00
27	T	cis-1,2-Dichloroethene	0.671	0.718	-7.0	108	0.00
28	T	Bromochloromethane	0.326	0.333	-2.1	108	0.00
29	T	Tetrahydrofuran	0.059	0.069	-16.9	115	0.00
30	C	Chloroform	1.023	1.113	-8.8#	109	0.00
31	T	Cyclohexane	0.695	0.780	-12.2	120	0.00
32	T	1,1,1-Trichloroethane	0.882	0.959	-8.7	109	0.00
33	S	1,2-Dichloroethane-d4	0.446	0.363	18.6	89	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.351	0.279	20.5	91	0.00
36	T	1,1-Dichloropropene	0.462	0.510	-10.4	114	0.00
37	T	Ethyl Acetate	0.145	0.166	-14.5	130	-0.01
38	T	Carbon Tetrachloride	0.513	0.544	-6.0	111	0.00
39	T	Methylcyclohexane	0.561	0.603	-7.5	110	0.00
40	TM	Benzene	1.401	1.532	-9.4	111	0.00
41	T	Methacrylonitrile	0.069	0.062	10.1	80	0.00
42	TM	1,2-Dichloroethane	0.330	0.353	-7.0	109	0.00
43	T	Isopropyl Acetate	0.261	0.294	-12.6	116	0.00
44	TM	Trichloroethene	0.410	0.413	-0.7	104	0.00
45	C	1,2-Dichloropropane	0.323	0.361	-11.8#	113	0.00
46	T	Dibromomethane	0.202	0.209	-3.5	106	0.00
47	T	Bromodichloromethane	0.481	0.517	-7.5	110	0.00
48	T	Methyl methacrylate	0.118	0.138	-16.9	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	1.024	18.6	90	0.00
51	T	4-Methyl-2-Pentanone	0.131	0.157	-19.8	118	0.00
52	CM	Toluene	0.915	0.999	-9.2#	108	0.00
53	T	t-1,3-Dichloropropene	0.432	0.472	-9.3	108	0.00
54	T	cis-1,3-Dichloropropene	0.529	0.576	-8.9	109	0.00
55	T	1,1,2-Trichloroethane	0.280	0.294	-5.0	107	0.00
56	T	Ethyl methacrylate	0.267	0.299	-12.0	109	0.00
57	T	1,3-Dichloropropane	0.429	0.461	-7.5	109	0.00
58	T	2-Chloroethyl Vinyl ether	0.132	0.145	-9.8	109	0.00
59	T	2-Hexanone	0.094	0.115	-22.3	120	0.00
60	T	Dibromochloromethane	0.357	0.362	-1.4	104	0.00
61	T	1,2-Dibromoethane	0.263	0.275	-4.6	107	0.00
62	S	4-Bromofluorobenzene	0.362	0.301	16.9	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64	T	Tetrachloroethene	0.372	0.356	4.3	100	0.00
65	PM	Chlorobenzene	1.090	1.118	-2.6	105	0.00
66	T	1,1,1,2-Tetrachloroethane	0.414	0.424	-2.4	105	0.00
67	C	Ethyl Benzene	1.807	1.975	-9.3#	108	0.00
68	T	m/p-Xylenes	0.742	0.804	-8.4	106	0.00
69	T	o-Xylene	0.683	0.725	-6.1	104	0.00
70	T	Styrene	1.165	1.276	-9.5	104	0.00
71	P	Bromoform	0.227	0.227	0.0	101	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73	T	Isopropylbenzene	3.307	3.680	-11.3	107	0.00
74	T	N-amyl acetate	0.476	0.554	-16.4	116	0.00
75	P	1,1,2,2-Tetrachloroethane	0.601	0.663	-10.3	112	0.00
76	T	1,2,3-Trichloropropane	0.583	0.506	13.2	74	0.00
77	T	Bromobenzene	0.868	0.866	0.2	98	0.00
78	T	n-propylbenzene	3.983	4.574	-14.8	109	0.00
79	T	2-Chlorotoluene	2.169	2.388	-10.1	108	0.00
80	T	1,3,5-Trimethylbenzene	2.729	3.050	-11.8	107	0.00
81	T	trans-1,4-Dichloro-2-butene	0.187	0.218	-16.6	113	0.00
82	T	4-Chlorotoluene	2.259	2.535	-12.2	110	0.00
83	T	tert-Butylbenzene	2.420	2.674	-10.5	109	0.00
84	T	1,2,4-Trimethylbenzene	2.748	3.125	-13.7	107	0.00
85	T	sec-Butylbenzene	3.641	4.135	-13.6	110	0.00
86	T	p-Isopropyltoluene	3.163	3.499	-10.6	106	0.00
87	T	1,3-Dichlorobenzene	1.827	1.857	-1.6	101	0.00
88	T	1,4-Dichlorobenzene	1.811	1.810	0.1	102	0.00
89	T	n-Butylbenzene	2.754	3.168	-15.0	112	0.00
90	T	Hexachloroethane	0.639	0.683	-6.9	106	0.00
91	T	1,2-Dichlorobenzene	1.544	1.583	-2.5	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.074	0.086	-16.2	108	0.00
93	T	1,2,4-Trichlorobenzene	0.962	0.930	3.3	96	0.00
94	T	Hexachlorobutadiene	0.546	0.526	3.7	99	0.00
95	T	Naphthalene	1.624	1.679	-3.4	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.835	0.831	0.5	98	0.00

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