Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
Data File : VD077492.D
Acq On : 02 Nov 2023 16:22
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Nov 03 01:04:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 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	68	0.00
2	T	Dichlorodifluoromethane	0.403	0.342	15.1	62	0.00
3	P	Chloromethane	0.640	0.690	-7.8	67	0.00
4	C	Vinyl Chloride	0.624	0.741	-18.8#	75	0.00
5	T	Bromomethane	0.327	0.399	-22.0	75	0.00
6	T	Chloroethane	0.420	0.511	-21.7	77	0.00
7	T	Trichlorofluoromethane	0.874	0.819	6.3	63	0.00
8	T	Diethyl Ether	0.314	0.288	8.3	59	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.528	0.484	8.3	63	0.00
10	T	Methyl Iodide	0.577	0.538	6.8	55	0.00
11	T	Tert butyl alcohol	0.056	0.043	23.2	56	0.00
12	CM	1,1-Dichloroethene	0.500	0.477	4.6#	62	0.00
13	T	Acrolein	0.074	0.054	27.0#	51	0.00
14	T	Allyl chloride	1.205	1.099	8.8	57	0.00
15	T	Acrylonitrile	0.170	0.154	9.4	59	0.00
16	T	Acetone	0.187	0.160	14.4	56	0.00
17	T	Carbon Disulfide	1.302	1.400	-7.5	59	0.00
18	T	Methyl Acetate	0.682	0.645	5.4	60	0.00
19	T	Methyl tert-butyl Ether	1.568	1.426	9.1	60	0.00
20	T	Methylene Chloride	0.762	0.669	12.2	63	0.00
21	T	trans-1,2-Dichloroethene	0.582	0.548	5.8	60	0.00
22	T	Diisopropyl ether	2.561	2.354	8.1	60	0.00
23	T	Vinyl Acetate	1.105	1.010	8.6	60	0.00
24	P	1,1-Dichloroethane	1.329	1.223	8.0	60	0.00
25	T	2-Butanone	0.250	0.212	15.2	58	0.00
26	T	2,2-Dichloropropane	1.178	1.035	12.1	60	0.00
27	T	cis-1,2-Dichloroethene	0.721	0.671	6.9	60	0.00
28	T	Bromochloromethane	0.537	0.583	-8.6	64	0.00
29	T	Tetrahydrofuran	0.148	0.129	12.8	57	0.00
30	C	Chloroform	1.241	1.135	8.5#	60	0.00
31	T	Cyclohexane	1.105	1.036	6.2	63	0.00
32	T	1,1,1-Trichloroethane	1.022	0.928	9.2	61	0.00
33	S	1,2-Dichloroethane-d4	0.707	0.642	9.2	61	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35	S	Dibromofluoromethane	0.346	0.307	11.3	62	0.00
36	T	1,1-Dichloropropene	0.512	0.480	6.3	62	0.00
37	T	Ethyl Acetate	0.294	0.256	12.9	59	0.00
38	T	Carbon Tetrachloride	0.483	0.433	10.4	63	0.00
39	T	Methylcyclohexane	0.585	0.552	5.6	64	0.00
40	TM	Benzene	1.461	1.363	6.7	62	0.00
41	T	Methacrylonitrile	0.188	0.148	21.3	57	0.00
42	TM	1,2-Dichloroethane	0.463	0.414	10.6	60	0.00
43	T	Isopropyl Acetate	0.607	0.510	16.0	56	0.00
44	TM	Trichloroethene	0.358	0.319	10.9	60	0.00
45	C	1,2-Dichloropropane	0.430	0.392	8.8#	61	0.00
46	T	Dibromomethane	0.207	0.178	14.0	59	0.00
47	T	Bromodichloromethane	0.547	0.489	10.6	61	0.00
48	T	Methyl methacrylate	0.290	0.247	14.8	56	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	55	0.00
50	S	Toluene-d8	1.342	1.257	6.3	65	0.00
51	T	4-Methyl-2-Pentanone	0.299	0.254	15.1	59	0.00
52	CM	Toluene	0.891	0.814	8.6#	61	0.00
53	T	t-1,3-Dichloropropene	0.579	0.506	12.6	59	0.00
54	T	cis-1,3-Dichloropropene	0.667	0.589	11.7	59	0.00
55	T	1,1,2-Trichloroethane	0.276	0.242	12.3	61	0.00
56	T	Ethyl methacrylate	0.411	0.362	11.9	60	0.00
57	T	1,3-Dichloropropane	0.516	0.461	10.7	60	0.00
58	T	2-Chloroethyl Vinyl ether	0.206	0.189	8.3	60	0.00
59	T	2-Hexanone	0.220	0.181	17.7	58	0.00
60	T	Dibromochloromethane	0.332	0.284	14.5	59	0.00
61	T	1,2-Dibromoethane	0.262	0.222	15.3	58	0.00
62	S	4-Bromofluorobenzene	0.452	0.395	12.6	62	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.00
64	T	Tetrachloroethene	0.318	0.279	12.3	61	0.00
65	PM	Chlorobenzene	1.048	0.935	10.8	61	0.00
66	T	1,1,1,2-Tetrachloroethane	0.396	0.337	14.9	58	0.00
67	C	Ethyl Benzene	2.015	1.825	9.4#	62	0.00
68	T	m/p-Xylenes	0.728	0.655	10.0	61	0.00
69	T	o-Xylene	0.697	0.636	8.8	62	0.00
70	T	Styrene	1.203	1.075	10.6	61	0.00
71	P	Bromoform	0.219	0.180	17.8	58	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	69	0.00
73	T	Isopropylbenzene	4.077	3.651	10.4	62	0.00
74	T	N-amyl acetate	1.444	1.178	18.4	57	0.00
75	P	1,1,2,2-Tetrachloroethane	0.799	0.690	13.6	59	0.00
76	T	1,2,3-Trichloropropane	0.609	0.511	16.1	59	0.00
77	T	Bromobenzene	0.897	0.782	12.8	59	0.00
78	T	n-propylbenzene	5.176	4.737	8.5	63	0.00
79	T	2-Chlorotoluene	2.931	2.563	12.6	60	0.00
80	T	1,3,5-Trimethylbenzene	3.421	3.031	11.4	61	0.00
81	T	trans-1,4-Dichloro-2-butene	0.315	0.265	15.9	59	0.00
82	T	4-Chlorotoluene	3.053	2.610	14.5	59	0.00
83	T	tert-Butylbenzene	2.876	2.564	10.8	61	0.00
84	T	1,2,4-Trimethylbenzene	3.398	3.034	10.7	62	0.00
85	T	sec-Butylbenzene	4.400	4.023	8.6	65	0.00
86	T	p-Isopropyltoluene	3.577	3.258	8.9	63	0.00
87	T	1,3-Dichlorobenzene	1.764	1.544	12.5	60	0.00
88	T	1,4-Dichlorobenzene	1.762	1.521	13.7	60	0.00
89	T	n-Butylbenzene	3.717	3.367	9.4	63	0.00
90	T	Hexachloroethane	0.732	0.630	13.9	60	0.00
91	T	1,2-Dichlorobenzene	1.550	1.364	12.0	61	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.135	0.102	24.4	53	0.00
93	T	1,2,4-Trichlorobenzene	1.065	0.905	15.0	59	0.00
94	T	Hexachlorobutadiene	0.574	0.489	14.8	61	0.00
95	T	Naphthalene	2.031	1.719	15.4	58	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.919	0.760	17.3	57	0.00

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