Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022117.D
Acq On : 01 May 2025 19:08
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 02 01:33:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
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	162#	0.00
2	T	Dichlorodifluoromethane	0.426	0.394	7.5	163#	0.00
3	P	Chloromethane	0.607	0.472	22.2	127	0.00
4	C	Vinyl Chloride	0.745	0.569	23.6#	126	0.00
5	T	Bromomethane	0.642	0.455	29.1#	124	0.00
6	T	Chloroethane	0.508	0.380	25.2#	125	0.00
7	T	Trichlorofluoromethane	0.983	0.867	11.8	147	0.00
8	T	Diethyl Ether	0.256	0.262	-2.3	172#	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.533	0.494	7.3	164#	0.00
10	T	Methyl Iodide	0.617	0.703	-13.9	181#	0.00
11	T	Tert butyl alcohol	0.025	0.028	-12.0	176#	0.00
12	CM	1,1-Dichloroethene	0.497	0.495	0.4#	170#	0.00
13	T	Acrolein	0.046	0.027	41.3#	105	0.00
14	T	Allyl chloride	0.579	0.565	2.4	165#	0.00
15	T	Acrylonitrile	0.094	0.091	3.2	158#	0.00
16	T	Acetone	0.070	0.062	11.4	159#	0.00
17	T	Carbon Disulfide	1.585	1.414	10.8	154#	0.00
18	T	Methyl Acetate	0.216	0.330	-52.8#	240#	0.00
19	T	Methyl tert-butyl Ether	1.113	1.209	-8.6	173#	0.00
20	T	Methylene Chloride	0.584	0.534	8.6	162#	0.00
21	T	trans-1,2-Dichloroethene	0.557	0.535	3.9	163#	0.00
22	T	Diisopropyl ether	1.288	1.265	1.8	159#	0.00
23	T	Vinyl Acetate	0.694	0.618	11.0	140	0.00
24	P	1,1-Dichloroethane	0.893	0.849	4.9	162#	0.00
25	T	2-Butanone	0.105	0.100	4.8	153#	0.00
26	T	2,2-Dichloropropane	0.782	0.692	11.5	151#	0.00
27	T	cis-1,2-Dichloroethene	0.622	0.621	0.2	165#	0.00
28	T	Bromochloromethane	0.347	0.303	12.7	143	0.00
29	T	Tetrahydrofuran	0.068	0.067	1.5	148	0.00
30	C	Chloroform	0.990	0.948	4.2#	161#	0.00
31	T	Cyclohexane	0.763	0.649	14.9	149	0.00
32	T	1,1,1-Trichloroethane	0.896	0.855	4.6	163#	0.00
33	S	1,2-Dichloroethane-d4	0.462	0.424	8.2	148	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	158#	0.00
35	S	Dibromofluoromethane	0.330	0.326	1.2	156#	0.00
36	T	1,1-Dichloropropene	0.444	0.410	7.7	152#	0.00
37	T	Ethyl Acetate	0.159	0.150	5.7	147	0.00
38	T	Carbon Tetrachloride	0.530	0.514	3.0	160#	0.00
39	T	Methylcyclohexane	0.558	0.524	6.1	150#	0.00
40	TM	Benzene	1.387	1.329	4.2	157#	0.00
41	T	Methacrylonitrile	0.087	0.091	-4.6	156#	-0.01
42	TM	1,2-Dichloroethane	0.343	0.331	3.5	156#	0.00
43	T	Isopropyl Acetate	0.306	0.304	0.7	154#	0.00
44	TM	Trichloroethene	0.384	0.382	0.5	164#	0.00
45	C	1,2-Dichloropropane	0.307	0.287	6.5#	151#	0.00
46	T	Dibromomethane	0.192	0.186	3.1	156#	0.00
47	T	Bromodichloromethane	0.480	0.471	1.9	158#	0.00
48	T	Methyl methacrylate	0.141	0.145	-2.8	153#	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	156#	0.00
50	S	Toluene-d8	1.245	1.182	5.1	146	0.00
51	T	4-Methyl-2-Pentanone	0.160	0.161	-0.6	148	0.00
52	CM	Toluene	0.898	0.877	2.3#	155#	0.00
53	T	t-1,3-Dichloropropene	0.411	0.401	2.4	151#	0.00
54	T	cis-1,3-Dichloropropene	0.489	0.470	3.9	153#	0.00
55	T	1,1,2-Trichloroethane	0.256	0.253	1.2	156#	0.00
56	T	Ethyl methacrylate	0.293	0.311	-6.1	155#	0.00
57	T	1,3-Dichloropropane	0.411	0.399	2.9	154#	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.152	-6.3	149	0.00
59	T	2-Hexanone	0.106	0.108	-1.9	148	0.00
60	T	Dibromochloromethane	0.355	0.354	0.3	158#	0.00
61	T	1,2-Dibromoethane	0.242	0.247	-2.1	161#	0.00
62	S	4-Bromofluorobenzene	0.419	0.417	0.5	154#	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	153#	0.00
64	T	Tetrachloroethene	0.472	0.480	-1.7	161#	0.00
65	PM	Chlorobenzene	1.118	1.110	0.7	156#	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.403	-2.3	159#	0.00
67	C	Ethyl Benzene	1.829	1.922	-5.1#	160#	0.00
68	T	m/p-Xylenes	0.728	0.805	-10.6	167#	0.00
69	T	o-Xylene	0.671	0.781	-16.4	173#	0.00
70	T	Styrene	1.126	1.177	-4.5	154#	0.00
71	P	Bromoform	0.229	0.249	-8.7	165#	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	146	0.00
73	T	Isopropylbenzene	3.341	3.561	-6.6	157#	0.00
74	T	N-amyl acetate	0.574	0.587	-2.3	145	0.00
75	P	1,1,2,2-Tetrachloroethane	0.563	0.556	1.2	148	0.00
76	T	1,2,3-Trichloropropane	0.428	0.402	6.1	145	0.00
77	T	Bromobenzene	0.844	0.924	-9.5	163#	0.00
78	T	n-propylbenzene	3.978	4.244	-6.7	156#	0.00
79	T	2-Chlorotoluene	2.314	2.485	-7.4	159#	0.00
80	T	1,3,5-Trimethylbenzene	2.752	3.222	-17.1	168#	0.00
81	T	trans-1,4-Dichloro-2-butene	0.178	0.172	3.4	142	0.00
82	T	4-Chlorotoluene	2.405	2.417	-0.5	149	0.00
83	T	tert-Butylbenzene	2.468	2.687	-8.9	158#	0.00
84	T	1,2,4-Trimethylbenzene	2.753	4.224	-53.4#	222#	0.00
85	T	sec-Butylbenzene	3.612	3.755	-4.0	153#	0.00
86	T	p-Isopropyltoluene	3.067	3.224	-5.1	152#	0.00
87	T	1,3-Dichlorobenzene	1.714	1.710	0.2	152#	0.00
88	T	1,4-Dichlorobenzene	1.698	1.670	1.6	151#	0.00
89	T	n-Butylbenzene	2.742	2.962	-8.0	158#	0.00
90	T	Hexachloroethane	0.674	0.686	-1.8	157#	0.00
91	T	1,2-Dichlorobenzene	1.495	1.525	-2.0	154#	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.090	0.095	-5.6	165#	0.00
93	T	1,2,4-Trichlorobenzene	0.847	0.956	-12.9	170#	0.00
94	T	Hexachlorobutadiene	0.521	0.561	-7.7	171#	0.00
95	T	Naphthalene	1.408	2.120	-50.6#	216#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.853	-16.7	177#	0.00

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