Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022329.D
Acq On : 20 May 2025 08:40
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 21 01:42:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 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	67	0.00
2	T	Dichlorodifluoromethane	0.522	0.487	6.7	65	0.00
3	P	Chloromethane	1.097	1.094	0.3	71	0.00
4	C	Vinyl Chloride	1.226	1.524	-24.3#	85	0.00
5	T	Bromomethane	0.998	1.160	-16.2	89	0.00
6	T	Chloroethane	0.763	1.012	-32.6#	90	0.00
7	T	Trichlorofluoromethane	1.241	1.392	-12.2	77	0.00
8	T	Diethyl Ether	0.298	0.273	8.4	63	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.539	0.553	-2.6	69	0.00
10	T	Methyl Iodide	0.624	0.628	-0.6	62	0.00
11	T	Tert butyl alcohol	0.042	0.036	14.3	63	-0.01
12	CM	1,1-Dichloroethene	0.535	0.534	0.2#	67	0.00
13	T	Acrolein	0.061	0.030	50.8#	36#	0.00
14	T	Allyl chloride	0.938	0.844	10.0	59	0.00
15	T	Acrylonitrile	0.123	0.111	9.8	63	0.00
16	T	Acetone	0.102	0.091	10.8	66	0.00
17	T	Carbon Disulfide	1.744	1.711	1.9	66	0.00
18	T	Methyl Acetate	0.323	0.272	15.8	61	0.00
19	T	Methyl tert-butyl Ether	1.475	1.383	6.2	64	0.00
20	T	Methylene Chloride	0.662	0.582	12.1	66	0.00
21	T	trans-1,2-Dichloroethene	0.590	0.583	1.2	66	0.00
22	T	Diisopropyl ether	1.980	1.819	8.1	62	0.00
23	T	Vinyl Acetate	1.196	1.048	12.4	60	0.00
24	P	1,1-Dichloroethane	1.106	1.085	1.9	66	0.00
25	T	2-Butanone	0.171	0.147	14.0	61	0.00
26	T	2,2-Dichloropropane	0.984	0.976	0.8	67	0.00
27	T	cis-1,2-Dichloroethene	0.681	0.683	-0.3	67	0.00
28	T	Bromochloromethane	0.472	0.470	0.4	67	0.00
29	T	Tetrahydrofuran	0.110	0.095	13.6	60	0.00
30	C	Chloroform	1.061	1.059	0.2#	66	0.00
31	T	Cyclohexane	1.105	1.035	6.3	66	0.00
32	T	1,1,1-Trichloroethane	0.974	0.966	0.8	67	0.00
33	S	1,2-Dichloroethane-d4	0.546	0.533	2.4	66	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	68	0.00
35	S	Dibromofluoromethane	0.298	0.305	-2.3	69	0.00
36	T	1,1-Dichloropropene	0.492	0.492	0.0	66	0.00
37	T	Ethyl Acetate	0.237	0.204	13.9	59	0.00
38	T	Carbon Tetrachloride	0.509	0.517	-1.6	68	0.00
39	T	Methylcyclohexane	0.660	0.662	-0.3	67	0.00
40	TM	Benzene	1.457	1.473	-1.1	67	0.00
41	T	Methacrylonitrile	0.157	0.142	9.6	61	0.00
42	TM	1,2-Dichloroethane	0.394	0.380	3.6	64	0.00
43	T	Isopropyl Acetate	0.516	0.444	14.0	59	0.00
44	TM	Trichloroethene	0.362	0.364	-0.6	67	0.00
45	C	1,2-Dichloropropane	0.351	0.346	1.4#	66	0.00
46	T	Dibromomethane	0.189	0.183	3.2	66	0.00
47	T	Bromodichloromethane	0.492	0.489	0.6	66	0.00
48	T	Methyl methacrylate	0.241	0.207	14.1	59	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	67	0.00
50	S	Toluene-d8	1.222	1.259	-3.0	69	0.00
51	T	4-Methyl-2-Pentanone	0.253	0.220	13.0	59	0.00
52	CM	Toluene	0.923	0.912	1.2#	66	0.00
53	T	t-1,3-Dichloropropene	0.480	0.458	4.6	64	0.00
54	T	cis-1,3-Dichloropropene	0.550	0.528	4.0	64	0.00
55	T	1,1,2-Trichloroethane	0.243	0.233	4.1	65	0.00
56	T	Ethyl methacrylate	0.378	0.347	8.2	62	0.00
57	T	1,3-Dichloropropane	0.431	0.417	3.2	65	0.00
58	T	2-Chloroethyl Vinyl ether	0.170	0.153	10.0	57	0.00
59	T	2-Hexanone	0.170	0.145	14.7	59	0.00
60	T	Dibromochloromethane	0.315	0.304	3.5	64	0.00
61	T	1,2-Dibromoethane	0.226	0.216	4.4	64	0.00
62	S	4-Bromofluorobenzene	0.387	0.375	3.1	66	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	67	0.00
64	T	Tetrachloroethene	0.462	0.471	-1.9	66	0.00
65	PM	Chlorobenzene	1.128	1.122	0.5	65	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.383	1.3	65	0.00
67	C	Ethyl Benzene	2.113	2.120	-0.3#	65	0.00
68	T	m/p-Xylenes	0.796	0.803	-0.9	66	0.00
69	T	o-Xylene	0.753	0.738	2.0	64	0.00
70	T	Styrene	1.270	1.255	1.2	64	0.00
71	P	Bromoform	0.209	0.191	8.6	61	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	67	0.00
73	T	Isopropylbenzene	4.142	4.147	-0.1	66	0.00
74	T	N-amyl acetate	1.185	1.013	14.5	58	0.00
75	P	1,1,2,2-Tetrachloroethane	0.637	0.595	6.6	63	0.00
76	T	1,2,3-Trichloropropane	0.507	0.477	5.9	64	0.00
77	T	Bromobenzene	0.885	0.844	4.6	63	0.00
78	T	n-propylbenzene	4.996	5.062	-1.3	66	0.00
79	T	2-Chlorotoluene	2.746	2.655	3.3	63	0.00
80	T	1,3,5-Trimethylbenzene	3.344	3.297	1.4	65	0.00
81	T	trans-1,4-Dichloro-2-butene	0.250	0.220	12.0	62	0.00
82	T	4-Chlorotoluene	2.824	2.742	2.9	63	0.00
83	T	tert-Butylbenzene	2.972	2.924	1.6	65	0.00
84	T	1,2,4-Trimethylbenzene	3.319	3.232	2.6	63	0.00
85	T	sec-Butylbenzene	4.412	4.438	-0.6	65	0.00
86	T	p-Isopropyltoluene	3.710	3.717	-0.2	65	0.00
87	T	1,3-Dichlorobenzene	1.806	1.753	2.9	64	0.00
88	T	1,4-Dichlorobenzene	1.737	1.663	4.3	64	0.00
89	T	n-Butylbenzene	3.510	3.562	-1.5	65	0.00
90	T	Hexachloroethane	0.749	0.731	2.4	64	0.00
91	T	1,2-Dichlorobenzene	1.517	1.456	4.0	64	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.103	0.093	9.7	63	0.00
93	T	1,2,4-Trichlorobenzene	0.876	0.815	7.0	61	0.00
94	T	Hexachlorobutadiene	0.489	0.449	8.2	60	0.00
95	T	Naphthalene	1.663	1.486	10.6	60	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.680	8.5	60	0.00

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