Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022354.D
Acq On : 21 May 2025 09:33
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 22 00:03:52 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	65	0.00
2	T	Dichlorodifluoromethane	0.522	0.462	11.5	59	0.00
3	P	Chloromethane	1.097	1.290	-17.6	80	0.00
4	C	Vinyl Chloride	1.226	1.539	-25.5#	83	0.00
5	T	Bromomethane	0.998	1.409	-41.2#	104	0.00
6	T	Chloroethane	0.763	1.104	-44.7#	95	0.00
7	T	Trichlorofluoromethane	1.241	1.415	-14.0	76	0.00
8	T	Diethyl Ether	0.298	0.276	7.4	61	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.539	0.531	1.5	64	0.00
10	T	Methyl Iodide	0.624	0.642	-2.9	61	0.00
11	T	Tert butyl alcohol	0.042	0.036	14.3	60	0.00
12	CM	1,1-Dichloroethene	0.535	0.539	-0.7#	65	0.00
13	T	Acrolein	0.061	0.028	54.1#	32#	0.00
14	T	Allyl chloride	0.938	0.826	11.9	56	0.00
15	T	Acrylonitrile	0.123	0.113	8.1	61	0.00
16	T	Acetone	0.102	0.081	20.6	56	0.00
17	T	Carbon Disulfide	1.744	1.671	4.2	62	0.00
18	T	Methyl Acetate	0.323	0.289	10.5	62	0.00
19	T	Methyl tert-butyl Ether	1.475	1.411	4.3	63	0.00
20	T	Methylene Chloride	0.662	0.589	11.0	64	0.00
21	T	trans-1,2-Dichloroethene	0.590	0.587	0.5	64	0.00
22	T	Diisopropyl ether	1.980	1.820	8.1	60	0.00
23	T	Vinyl Acetate	1.196	1.040	13.0	58	0.00
24	P	1,1-Dichloroethane	1.106	1.086	1.8	63	0.00
25	T	2-Butanone	0.171	0.140	18.1	57	0.00
26	T	2,2-Dichloropropane	0.984	0.961	2.3	63	0.00
27	T	cis-1,2-Dichloroethene	0.681	0.680	0.1	64	0.00
28	T	Bromochloromethane	0.472	0.469	0.6	64	0.00
29	T	Tetrahydrofuran	0.110	0.095	13.6	58	0.00
30	C	Chloroform	1.061	1.076	-1.4#	65	0.00
31	T	Cyclohexane	1.105	0.976	11.7	60	0.00
32	T	1,1,1-Trichloroethane	0.974	0.959	1.5	64	0.00
33	S	1,2-Dichloroethane-d4	0.546	0.529	3.1	64	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35	S	Dibromofluoromethane	0.298	0.305	-2.3	67	0.00
36	T	1,1-Dichloropropene	0.492	0.485	1.4	63	0.00
37	T	Ethyl Acetate	0.237	0.207	12.7	58	0.00
38	T	Carbon Tetrachloride	0.509	0.504	1.0	64	0.00
39	T	Methylcyclohexane	0.660	0.626	5.2	62	0.00
40	TM	Benzene	1.457	1.462	-0.3	64	0.00
41	T	Methacrylonitrile	0.157	0.142	9.6	59	0.03
42	TM	1,2-Dichloroethane	0.394	0.380	3.6	62	0.00
43	T	Isopropyl Acetate	0.516	0.449	13.0	58	0.00
44	TM	Trichloroethene	0.362	0.361	0.3	64	0.00
45	C	1,2-Dichloropropane	0.351	0.344	2.0#	63	0.00
46	T	Dibromomethane	0.189	0.184	2.6	64	0.00
47	T	Bromodichloromethane	0.492	0.488	0.8	64	0.00
48	T	Methyl methacrylate	0.241	0.204	15.4	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	63	0.01
50	S	Toluene-d8	1.222	1.247	-2.0	67	0.00
51	T	4-Methyl-2-Pentanone	0.253	0.218	13.8	57	0.00
52	CM	Toluene	0.923	0.907	1.7#	63	0.00
53	T	t-1,3-Dichloropropene	0.480	0.454	5.4	61	0.00
54	T	cis-1,3-Dichloropropene	0.550	0.532	3.3	62	0.00
55	T	1,1,2-Trichloroethane	0.243	0.239	1.6	65	0.00
56	T	Ethyl methacrylate	0.378	0.352	6.9	61	0.00
57	T	1,3-Dichloropropane	0.431	0.421	2.3	63	0.00
58	T	2-Chloroethyl Vinyl ether	0.170	0.167	1.8	60	0.00
59	T	2-Hexanone	0.170	0.144	15.3	57	0.00
60	T	Dibromochloromethane	0.315	0.315	0.0	64	0.00
61	T	1,2-Dibromoethane	0.226	0.226	0.0	65	0.00
62	S	4-Bromofluorobenzene	0.387	0.377	2.6	64	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	66	0.00
64	T	Tetrachloroethene	0.462	0.450	2.6	62	0.00
65	PM	Chlorobenzene	1.128	1.102	2.3	63	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.384	1.0	64	0.00
67	C	Ethyl Benzene	2.113	2.073	1.9#	63	0.00
68	T	m/p-Xylenes	0.796	0.779	2.1	63	0.00
69	T	o-Xylene	0.753	0.748	0.7	64	0.00
70	T	Styrene	1.270	1.247	1.8	63	0.00
71	P	Bromoform	0.209	0.194	7.2	61	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	65	0.00
73	T	Isopropylbenzene	4.142	4.111	0.7	63	0.00
74	T	N-amyl acetate	1.185	1.019	14.0	57	0.00
75	P	1,1,2,2-Tetrachloroethane	0.637	0.611	4.1	63	0.00
76	T	1,2,3-Trichloropropane	0.507	0.441	13.0	57	0.00
77	T	Bromobenzene	0.885	0.858	3.1	62	0.00
78	T	n-propylbenzene	4.996	4.936	1.2	62	0.00
79	T	2-Chlorotoluene	2.746	2.628	4.3	61	0.00
80	T	1,3,5-Trimethylbenzene	3.344	3.263	2.4	62	0.00
81	T	trans-1,4-Dichloro-2-butene	0.250	0.221	11.6	61	0.00
82	T	4-Chlorotoluene	2.824	2.705	4.2	60	0.00
83	T	tert-Butylbenzene	2.972	2.871	3.4	61	0.00
84	T	1,2,4-Trimethylbenzene	3.319	3.252	2.0	62	0.00
85	T	sec-Butylbenzene	4.412	4.375	0.8	62	0.00
86	T	p-Isopropyltoluene	3.710	3.656	1.5	62	0.00
87	T	1,3-Dichlorobenzene	1.806	1.772	1.9	62	0.00
88	T	1,4-Dichlorobenzene	1.737	1.714	1.3	63	0.00
89	T	n-Butylbenzene	3.510	3.513	-0.1	62	0.00
90	T	Hexachloroethane	0.749	0.720	3.9	61	0.00
91	T	1,2-Dichlorobenzene	1.517	1.492	1.6	63	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.103	0.096	6.8	62	0.00
93	T	1,2,4-Trichlorobenzene	0.876	0.835	4.7	60	0.00
94	T	Hexachlorobutadiene	0.489	0.457	6.5	59	0.00
95	T	Naphthalene	1.663	1.542	7.3	60	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.698	6.1	60	0.00

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