Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
Data File : VY022407.D
Acq On : 23 May 2025 14:34
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 23 23:19:00 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	83	0.01
2	T	Dichlorodifluoromethane	0.522	0.529	-1.3	86	0.00
3	P	Chloromethane	1.097	1.312	-19.6	104	0.01
4	C	Vinyl Chloride	1.226	1.569	-28.0#	107	0.00
5	T	Bromomethane	0.998	1.869	-87.3#	176#	0.00
6	T	Chloroethane	0.763	1.174	-53.9#	128	0.00
7	T	Trichlorofluoromethane	1.241	1.446	-16.5	98	0.00
8	T	Diethyl Ether	0.298	0.305	-2.3	86	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.539	0.598	-10.9	92	0.00
10	T	Methyl Iodide	0.624	0.701	-12.3	84	0.00
11	T	Tert butyl alcohol	0.042	0.039	7.1	83	0.02
12	CM	1,1-Dichloroethene	0.535	0.580	-8.4#	89	0.01
13	T	Acrolein	0.061	0.005	91.8#	7#	0.02
14	T	Allyl chloride	0.938	0.865	7.8	75	0.02
15	T	Acrylonitrile	0.123	0.123	0.0	85	0.01
16	T	Acetone	0.102	0.112	-9.8	100	0.02
17	T	Carbon Disulfide	1.744	1.866	-7.0	88	0.00
18	T	Methyl Acetate	0.323	0.277	14.2	76	0.01
19	T	Methyl tert-butyl Ether	1.475	1.534	-4.0	87	0.01
20	T	Methylene Chloride	0.662	0.610	7.9	85	0.00
21	T	trans-1,2-Dichloroethene	0.590	0.629	-6.6	88	0.02
22	T	Diisopropyl ether	1.980	1.867	5.7	78	0.01
23	T	Vinyl Acetate	1.196	1.156	3.3	81	0.01
24	P	1,1-Dichloroethane	1.106	1.138	-2.9	84	0.00
25	T	2-Butanone	0.171	0.165	3.5	85	0.01
26	T	2,2-Dichloropropane	0.984	1.039	-5.6	87	0.01
27	T	cis-1,2-Dichloroethene	0.681	0.745	-9.4	89	0.00
28	T	Bromochloromethane	0.472	0.452	4.2	79	0.00
29	T	Tetrahydrofuran	0.110	0.104	5.5	81	0.01
30	C	Chloroform	1.061	1.137	-7.2#	87	0.00
31	T	Cyclohexane	1.105	1.069	3.3	84	0.01
32	T	1,1,1-Trichloroethane	0.974	1.014	-4.1	86	0.01
33	S	1,2-Dichloroethane-d4	0.546	0.475	13.0	73	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35	S	Dibromofluoromethane	0.298	0.280	6.0	78	0.00
36	T	1,1-Dichloropropene	0.492	0.524	-6.5	87	0.01
37	T	Ethyl Acetate	0.237	0.226	4.6	81	0.00
38	T	Carbon Tetrachloride	0.509	0.543	-6.7	88	0.01
39	T	Methylcyclohexane	0.660	0.714	-8.2	89	0.00
40	TM	Benzene	1.457	1.555	-6.7	87	0.00
41	T	Methacrylonitrile	0.157	0.152	3.2	81	0.01
42	TM	1,2-Dichloroethane	0.394	0.407	-3.3	85	0.00
43	T	Isopropyl Acetate	0.516	0.489	5.2	80	0.01
44	TM	Trichloroethene	0.362	0.386	-6.6	87	0.00
45	C	1,2-Dichloropropane	0.351	0.363	-3.4#	85	0.00
46	T	Dibromomethane	0.189	0.203	-7.4	90	0.00
47	T	Bromodichloromethane	0.492	0.522	-6.1	86	0.01
48	T	Methyl methacrylate	0.241	0.223	7.5	78	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	89	0.01
50	S	Toluene-d8	1.222	1.060	13.3	72	0.01
51	T	4-Methyl-2-Pentanone	0.253	0.241	4.7	80	0.00
52	CM	Toluene	0.923	0.988	-7.0#	88	0.00
53	T	t-1,3-Dichloropropene	0.480	0.487	-1.5	84	0.01
54	T	cis-1,3-Dichloropropene	0.550	0.574	-4.4	86	0.01
55	T	1,1,2-Trichloroethane	0.243	0.261	-7.4	90	0.00
56	T	Ethyl methacrylate	0.378	0.389	-2.9	86	0.00
57	T	1,3-Dichloropropane	0.431	0.457	-6.0	88	0.00
58	T	2-Chloroethyl Vinyl ether	0.170	0.174	-2.4	79	0.01
59	T	2-Hexanone	0.170	0.166	2.4	84	0.00
60	T	Dibromochloromethane	0.315	0.339	-7.6	88	0.01
61	T	1,2-Dibromoethane	0.226	0.243	-7.5	90	0.00
62	S	4-Bromofluorobenzene	0.387	0.334	13.7	72	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64	T	Tetrachloroethene	0.462	0.463	-0.2	83	0.00
65	PM	Chlorobenzene	1.128	1.192	-5.7	87	0.01
66	T	1,1,1,2-Tetrachloroethane	0.388	0.404	-4.1	87	0.00
67	C	Ethyl Benzene	2.113	2.220	-5.1#	86	0.00
68	T	m/p-Xylenes	0.796	0.846	-6.3	88	0.00
69	T	o-Xylene	0.753	0.797	-5.8	88	0.01
70	T	Styrene	1.270	1.334	-5.0	87	0.00
71	P	Bromoform	0.209	0.212	-1.4	86	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73	T	Isopropylbenzene	4.142	4.256	-2.8	88	0.00
74	T	N-amyl acetate	1.185	1.085	8.4	81	0.00
75	P	1,1,2,2-Tetrachloroethane	0.637	0.668	-4.9	92	0.00
76	T	1,2,3-Trichloropropane	0.507	0.497	2.0	86	0.00
77	T	Bromobenzene	0.885	0.894	-1.0	86	0.00
78	T	n-propylbenzene	4.996	5.187	-3.8	88	0.00
79	T	2-Chlorotoluene	2.746	2.741	0.2	85	0.00
80	T	1,3,5-Trimethylbenzene	3.344	3.368	-0.7	86	0.00
81	T	trans-1,4-Dichloro-2-butene	0.250	0.236	5.6	86	0.00
82	T	4-Chlorotoluene	2.824	2.818	0.2	84	0.00
83	T	tert-Butylbenzene	2.972	3.039	-2.3	87	0.00
84	T	1,2,4-Trimethylbenzene	3.319	3.373	-1.6	86	0.00
85	T	sec-Butylbenzene	4.412	4.574	-3.7	87	0.00
86	T	p-Isopropyltoluene	3.710	3.884	-4.7	88	0.00
87	T	1,3-Dichlorobenzene	1.806	1.855	-2.7	87	0.00
88	T	1,4-Dichlorobenzene	1.737	1.766	-1.7	87	0.00
89	T	n-Butylbenzene	3.510	3.660	-4.3	86	0.00
90	T	Hexachloroethane	0.749	0.745	0.5	85	0.00
91	T	1,2-Dichlorobenzene	1.517	1.547	-2.0	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.103	0.101	1.9	88	0.00
93	T	1,2,4-Trichlorobenzene	0.876	0.871	0.6	84	0.00
94	T	Hexachlorobutadiene	0.489	0.487	0.4	84	0.00
95	T	Naphthalene	1.663	1.675	-0.7	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.748	-0.7	86	0.00

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