Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
Data File : VY022380.D
Acq On : 22 May 2025 08:35
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 03:30:47 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	60	0.01
2	T	Dichlorodifluoromethane	0.522	0.512	1.9	61	0.01
3	P	Chloromethane	1.097	1.092	0.5	63	0.01
4	C	Vinyl Chloride	1.226	1.451	-18.4#	72	0.00
5	T	Bromomethane	0.998	1.202	-20.4	83	0.01
6	T	Chloroethane	0.763	0.992	-30.0#	79	0.01
7	T	Trichlorofluoromethane	1.241	1.338	-7.8	67	0.02
8	T	Diethyl Ether	0.298	0.301	-1.0	62	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.539	0.600	-11.3	67	0.00
10	T	Methyl Iodide	0.624	0.697	-11.7	61	0.01
11	T	Tert butyl alcohol	0.042	0.038	9.5	59	0.01
12	CM	1,1-Dichloroethene	0.535	0.576	-7.7#	65	0.01
13	T	Acrolein	0.061	0.027	55.7#	29#	0.01
14	T	Allyl chloride	0.938	0.886	5.5	56	0.02
15	T	Acrylonitrile	0.123	0.120	2.4	60	0.01
16	T	Acetone	0.102	0.096	5.9	63	0.00
17	T	Carbon Disulfide	1.744	1.805	-3.5	62	0.01
18	T	Methyl Acetate	0.323	0.304	5.9	61	0.02
19	T	Methyl tert-butyl Ether	1.475	1.522	-3.2	63	0.02
20	T	Methylene Chloride	0.662	0.614	7.3	62	0.01
21	T	trans-1,2-Dichloroethene	0.590	0.630	-6.8	64	0.02
22	T	Diisopropyl ether	1.980	1.925	2.8	58	0.01
23	T	Vinyl Acetate	1.196	1.114	6.9	57	0.02
24	P	1,1-Dichloroethane	1.106	1.155	-4.4	62	0.01
25	T	2-Butanone	0.171	0.154	9.9	58	0.01
26	T	2,2-Dichloropropane	0.984	1.067	-8.4	65	0.01
27	T	cis-1,2-Dichloroethene	0.681	0.741	-8.8	65	0.01
28	T	Bromochloromethane	0.472	0.490	-3.8	63	0.01
29	T	Tetrahydrofuran	0.110	0.100	9.1	57	0.01
30	C	Chloroform	1.061	1.157	-9.0#	65	0.01
31	T	Cyclohexane	1.105	1.072	3.0	61	0.01
32	T	1,1,1-Trichloroethane	0.974	1.054	-8.2	66	0.01
33	S	1,2-Dichloroethane-d4	0.546	0.561	-2.7	63	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	62	0.00
35	S	Dibromofluoromethane	0.298	0.318	-6.7	66	0.01
36	T	1,1-Dichloropropene	0.492	0.517	-5.1	64	0.01
37	T	Ethyl Acetate	0.237	0.211	11.0	56	0.00
38	T	Carbon Tetrachloride	0.509	0.548	-7.7	66	0.01
39	T	Methylcyclohexane	0.660	0.694	-5.2	65	0.01
40	TM	Benzene	1.457	1.548	-6.2	64	0.01
41	T	Methacrylonitrile	0.157	0.143	8.9	56	0.04
42	TM	1,2-Dichloroethane	0.394	0.396	-0.5	62	0.01
43	T	Isopropyl Acetate	0.516	0.468	9.3	57	0.01
44	TM	Trichloroethene	0.362	0.385	-6.4	65	0.01
45	C	1,2-Dichloropropane	0.351	0.362	-3.1#	63	0.01
46	T	Dibromomethane	0.189	0.197	-4.2	65	0.00
47	T	Bromodichloromethane	0.492	0.514	-4.5	63	0.01
48	T	Methyl methacrylate	0.241	0.215	10.8	56	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	65	0.00
50	S	Toluene-d8	1.222	1.298	-6.2	66	0.01
51	T	4-Methyl-2-Pentanone	0.253	0.230	9.1	57	0.00
52	CM	Toluene	0.923	0.978	-6.0#	65	0.00
53	T	t-1,3-Dichloropropene	0.480	0.478	0.4	61	0.01
54	T	cis-1,3-Dichloropropene	0.550	0.565	-2.7	63	0.01
55	T	1,1,2-Trichloroethane	0.243	0.246	-1.2	63	0.00
56	T	Ethyl methacrylate	0.378	0.372	1.6	61	0.00
57	T	1,3-Dichloropropane	0.431	0.443	-2.8	63	0.00
58	T	2-Chloroethyl Vinyl ether	0.170	0.180	-5.9	61	0.01
59	T	2-Hexanone	0.170	0.151	11.2	57	0.00
60	T	Dibromochloromethane	0.315	0.330	-4.8	64	0.01
61	T	1,2-Dibromoethane	0.226	0.236	-4.4	65	0.01
62	S	4-Bromofluorobenzene	0.387	0.387	0.0	62	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	62	0.00
64	T	Tetrachloroethene	0.462	0.502	-8.7	66	0.00
65	PM	Chlorobenzene	1.128	1.194	-5.9	64	0.01
66	T	1,1,1,2-Tetrachloroethane	0.388	0.402	-3.6	63	0.00
67	C	Ethyl Benzene	2.113	2.234	-5.7#	64	0.00
68	T	m/p-Xylenes	0.796	0.849	-6.7	65	0.00
69	T	o-Xylene	0.753	0.791	-5.0	64	0.01
70	T	Styrene	1.270	1.325	-4.3	63	0.00
71	P	Bromoform	0.209	0.212	-1.4	63	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	61	0.00
73	T	Isopropylbenzene	4.142	4.432	-7.0	65	0.00
74	T	N-amyl acetate	1.185	1.082	8.7	57	0.01
75	P	1,1,2,2-Tetrachloroethane	0.637	0.657	-3.1	64	0.00
76	T	1,2,3-Trichloropropane	0.507	0.499	1.6	61	0.00
77	T	Bromobenzene	0.885	0.930	-5.1	64	0.01
78	T	n-propylbenzene	4.996	5.385	-7.8	64	0.00
79	T	2-Chlorotoluene	2.746	2.881	-4.9	63	0.01
80	T	1,3,5-Trimethylbenzene	3.344	3.533	-5.7	64	0.00
81	T	trans-1,4-Dichloro-2-butene	0.250	0.234	6.4	61	0.00
82	T	4-Chlorotoluene	2.824	2.941	-4.1	62	0.01
83	T	tert-Butylbenzene	2.972	3.200	-7.7	65	0.00
84	T	1,2,4-Trimethylbenzene	3.319	3.526	-6.2	63	0.00
85	T	sec-Butylbenzene	4.412	4.835	-9.6	65	0.00
86	T	p-Isopropyltoluene	3.710	4.077	-9.9	65	0.00
87	T	1,3-Dichlorobenzene	1.806	1.920	-6.3	64	0.00
88	T	1,4-Dichlorobenzene	1.737	1.831	-5.4	64	0.00
89	T	n-Butylbenzene	3.510	3.887	-10.7	65	0.00
90	T	Hexachloroethane	0.749	0.795	-6.1	64	0.00
91	T	1,2-Dichlorobenzene	1.517	1.600	-5.5	64	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.103	0.104	-1.0	64	0.00
93	T	1,2,4-Trichlorobenzene	0.876	0.937	-7.0	64	0.00
94	T	Hexachlorobutadiene	0.489	0.518	-5.9	63	0.00
95	T	Naphthalene	1.663	1.696	-2.0	63	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.779	-4.8	64	0.00

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