Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
Data File : VY022405.D
Acq On : 22 May 2025 18:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 23 03:42:17 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	59	0.01
2	T	Dichlorodifluoromethane	0.522	0.461	11.7	54	0.00
3	P	Chloromethane	1.097	1.153	-5.1	65	0.01
4	C	Vinyl Chloride	1.226	1.420	-15.8#	69	0.00
5	T	Bromomethane	0.998	1.167	-16.9	79	0.01
6	T	Chloroethane	0.763	0.915	-19.9	72	0.00
7	T	Trichlorofluoromethane	1.241	1.187	4.4	58	0.01
8	T	Diethyl Ether	0.298	0.300	-0.7	60	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.539	0.531	1.5	58	0.01
10	T	Methyl Iodide	0.624	0.681	-9.1	59	0.01
11	T	Tert butyl alcohol	0.042	0.037	11.9	57	0.01
12	CM	1,1-Dichloroethene	0.535	0.536	-0.2#	59	0.01
13	T	Acrolein	0.061	0.024	60.7#	25#	0.00
14	T	Allyl chloride	0.938	0.814	13.2	50	0.02
15	T	Acrylonitrile	0.123	0.118	4.1	58	0.01
16	T	Acetone	0.102	0.087	14.7	55	0.01
17	T	Carbon Disulfide	1.744	1.666	4.5	56	0.01
18	T	Methyl Acetate	0.323	0.395	-22.3	77	0.01
19	T	Methyl tert-butyl Ether	1.475	1.481	-0.4	60	0.01
20	T	Methylene Chloride	0.662	0.612	7.6	61	0.01
21	T	trans-1,2-Dichloroethene	0.590	0.609	-3.2	61	0.02
22	T	Diisopropyl ether	1.980	1.843	6.9	55	0.01
23	T	Vinyl Acetate	1.196	0.995	16.8	50	0.02
24	P	1,1-Dichloroethane	1.106	1.119	-1.2	59	0.01
25	T	2-Butanone	0.171	0.147	14.0	54	0.01
26	T	2,2-Dichloropropane	0.984	0.886	10.0	53	0.01
27	T	cis-1,2-Dichloroethene	0.681	0.712	-4.6	61	0.01
28	T	Bromochloromethane	0.472	0.470	0.4	59	0.01
29	T	Tetrahydrofuran	0.110	0.099	10.0	55	0.01
30	C	Chloroform	1.061	1.125	-6.0#	62	0.01
31	T	Cyclohexane	1.105	0.954	13.7	53	0.01
32	T	1,1,1-Trichloroethane	0.974	0.984	-1.0	60	0.01
33	S	1,2-Dichloroethane-d4	0.546	0.584	-7.0	64	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	63	0.00
35	S	Dibromofluoromethane	0.298	0.320	-7.4	67	0.01
36	T	1,1-Dichloropropene	0.492	0.458	6.9	57	0.01
37	T	Ethyl Acetate	0.237	0.196	17.3	53	0.01
38	T	Carbon Tetrachloride	0.509	0.478	6.1	59	0.01
39	T	Methylcyclohexane	0.660	0.594	10.0	56	0.00
40	TM	Benzene	1.457	1.441	1.1	61	0.01
41	T	Methacrylonitrile	0.157	0.136	13.4	54	0.02
42	TM	1,2-Dichloroethane	0.394	0.378	4.1	60	0.00
43	T	Isopropyl Acetate	0.516	0.437	15.3	54	0.01
44	TM	Trichloroethene	0.362	0.356	1.7	61	0.00
45	C	1,2-Dichloropropane	0.351	0.339	3.4#	60	0.01
46	T	Dibromomethane	0.189	0.187	1.1	62	0.00
47	T	Bromodichloromethane	0.492	0.487	1.0	61	0.01
48	T	Methyl methacrylate	0.241	0.203	15.8	54	0.01

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
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Quant Time: May 23 03:42:17 2025
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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)
49	T	1,4-Dioxane	0.002	0.002	0.0	63	0.00
50	S	Toluene-d8	1.222	1.266	-3.6	65	0.01
51	T	4-Methyl-2-Pentanone	0.253	0.220	13.0	55	0.00
52	CM	Toluene	0.923	0.906	1.8#	61	0.00
53	T	t-1,3-Dichloropropene	0.480	0.442	7.9	57	0.01
54	T	cis-1,3-Dichloropropene	0.550	0.514	6.5	58	0.01
55	T	1,1,2-Trichloroethane	0.243	0.238	2.1	62	0.00
56	T	Ethyl methacrylate	0.378	0.343	9.3	57	0.00
57	T	1,3-Dichloropropane	0.431	0.418	3.0	60	0.00
58	T	2-Chloroethyl Vinyl ether	0.170	0.177	-4.1	61	0.01
59	T	2-Hexanone	0.170	0.142	16.5	54	0.00
60	T	Dibromochloromethane	0.315	0.313	0.6	61	0.01
61	T	1,2-Dibromoethane	0.226	0.223	1.3	62	0.01
62	S	4-Bromofluorobenzene	0.387	0.392	-1.3	64	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	64	0.00
64	T	Tetrachloroethene	0.462	0.444	3.9	60	0.00
65	PM	Chlorobenzene	1.128	1.097	2.7	61	0.01
66	T	1,1,1,2-Tetrachloroethane	0.388	0.375	3.4	61	0.00
67	C	Ethyl Benzene	2.113	2.013	4.7#	59	0.00
68	T	m/p-Xylenes	0.796	0.772	3.0	60	0.00
69	T	o-Xylene	0.753	0.740	1.7	61	0.01
70	T	Styrene	1.270	1.236	2.7	60	0.00
71	P	Bromoform	0.209	0.196	6.2	60	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	64	0.00
73	T	Isopropylbenzene	4.142	3.945	4.8	60	0.00
74	T	N-amyl acetate	1.185	0.941	20.6	52	0.01
75	P	1,1,2,2-Tetrachloroethane	0.637	0.601	5.7	61	0.00
76	T	1,2,3-Trichloropropane	0.507	0.465	8.3	60	0.00
77	T	Bromobenzene	0.885	0.850	4.0	61	0.00
78	T	n-propylbenzene	4.996	4.691	6.1	59	0.00
79	T	2-Chlorotoluene	2.746	2.547	7.2	58	0.01
80	T	1,3,5-Trimethylbenzene	3.344	3.110	7.0	58	0.00
81	T	trans-1,4-Dichloro-2-butene	0.250	0.193	22.8	52	0.00
82	T	4-Chlorotoluene	2.824	2.583	8.5	57	0.01
83	T	tert-Butylbenzene	2.972	2.810	5.5	59	0.00
84	T	1,2,4-Trimethylbenzene	3.319	3.152	5.0	59	0.00
85	T	sec-Butylbenzene	4.412	4.184	5.2	59	0.00
86	T	p-Isopropyltoluene	3.710	3.458	6.8	58	0.00
87	T	1,3-Dichlorobenzene	1.806	1.684	6.8	59	0.00
88	T	1,4-Dichlorobenzene	1.737	1.643	5.4	60	0.00
89	T	n-Butylbenzene	3.510	3.221	8.2	56	0.00
90	T	Hexachloroethane	0.749	0.701	6.4	59	0.00
91	T	1,2-Dichlorobenzene	1.517	1.444	4.8	60	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.103	0.094	8.7	60	0.00
93	T	1,2,4-Trichlorobenzene	0.876	0.808	7.8	58	0.00
94	T	Hexachlorobutadiene	0.489	0.421	13.9	54	0.00
95	T	Naphthalene	1.663	1.626	2.2	63	0.00

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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)
96 T	1,2,3-Trichlorobenzene	0.743	0.704	5.2	60	0.00

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