Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022352.D
Acq On : 20 May 2025 19:34
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 21 01:57:21 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	58	0.00
2	T	Dichlorodifluoromethane	0.522	0.453	13.2	52	0.00
3	P	Chloromethane	1.097	1.327	-21.0	74	0.00
4	C	Vinyl Chloride	1.226	1.603	-30.8#	77	0.00
5	T	Bromomethane	0.998	1.459	-46.2#	97	0.00
6	T	Chloroethane	0.763	1.158	-51.8#	89	0.00
7	T	Trichlorofluoromethane	1.241	1.480	-19.3	71	0.00
8	T	Diethyl Ether	0.298	0.299	-0.3	59	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.539	0.528	2.0	57	0.00
10	T	Methyl Iodide	0.624	0.665	-6.6	56	0.00
11	T	Tert butyl alcohol	0.042	0.037	11.9	55	0.00
12	CM	1,1-Dichloroethene	0.535	0.525	1.9#	57	0.00
13	T	Acrolein	0.061	0.028	54.1#	29#	0.00
14	T	Allyl chloride	0.938	0.831	11.4	51	0.00
15	T	Acrylonitrile	0.123	0.116	5.7	57	0.00
16	T	Acetone	0.102	0.083	18.6	52	0.00
17	T	Carbon Disulfide	1.744	1.662	4.7	55	0.00
18	T	Methyl Acetate	0.323	0.422	-30.7#	82	0.00
19	T	Methyl tert-butyl Ether	1.475	1.470	0.3	59	0.00
20	T	Methylene Chloride	0.662	0.608	8.2	59	0.00
21	T	trans-1,2-Dichloroethene	0.590	0.586	0.7	58	0.00
22	T	Diisopropyl ether	1.980	1.844	6.9	54	0.00
23	T	Vinyl Acetate	1.196	0.974	18.6	48#	0.00
24	P	1,1-Dichloroethane	1.106	1.089	1.5	57	0.00
25	T	2-Butanone	0.171	0.146	14.6	53	0.00
26	T	2,2-Dichloropropane	0.984	0.894	9.1	53	0.00
27	T	cis-1,2-Dichloroethene	0.681	0.697	-2.3	59	0.00
28	T	Bromochloromethane	0.472	0.490	-3.8	60	0.00
29	T	Tetrahydrofuran	0.110	0.100	9.1	54	0.00
30	C	Chloroform	1.061	1.109	-4.5#	60	0.00
31	T	Cyclohexane	1.105	0.961	13.0	53	0.00
32	T	1,1,1-Trichloroethane	0.974	0.959	1.5	58	0.00
33	S	1,2-Dichloroethane-d4	0.546	0.557	-2.0	60	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
35	S	Dibromofluoromethane	0.298	0.312	-4.7	63	0.00
36	T	1,1-Dichloropropene	0.492	0.458	6.9	56	0.00
37	T	Ethyl Acetate	0.237	0.199	16.0	52	0.00
38	T	Carbon Tetrachloride	0.509	0.480	5.7	57	0.00
39	T	Methylcyclohexane	0.660	0.593	10.2	54	0.00
40	TM	Benzene	1.457	1.437	1.4	59	0.00
41	T	Methacrylonitrile	0.157	0.134	14.6	52	0.00
42	TM	1,2-Dichloroethane	0.394	0.370	6.1	57	0.00
43	T	Isopropyl Acetate	0.516	0.440	14.7	53	0.00
44	TM	Trichloroethene	0.362	0.351	3.0	58	0.00
45	C	1,2-Dichloropropane	0.351	0.337	4.0#	58	0.00
46	T	Dibromomethane	0.189	0.183	3.2	60	0.00
47	T	Bromodichloromethane	0.492	0.489	0.6	59	0.00
48	T	Methyl methacrylate	0.241	0.199	17.4	51	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	58	0.00
50	S	Toluene-d8	1.222	1.245	-1.9	62	0.00
51	T	4-Methyl-2-Pentanone	0.253	0.224	11.5	54	0.00
52	CM	Toluene	0.923	0.897	2.8#	58	0.00
53	T	t-1,3-Dichloropropene	0.480	0.440	8.3	55	0.00
54	T	cis-1,3-Dichloropropene	0.550	0.520	5.5	57	0.00
55	T	1,1,2-Trichloroethane	0.243	0.240	1.2	61	0.00
56	T	Ethyl methacrylate	0.378	0.342	9.5	55	0.00
57	T	1,3-Dichloropropane	0.431	0.425	1.4	59	0.00
58	T	2-Chloroethyl Vinyl ether	0.170	0.179	-5.3	60	0.00
59	T	2-Hexanone	0.170	0.144	15.3	53	0.00
60	T	Dibromochloromethane	0.315	0.311	1.3	59	0.00
61	T	1,2-Dibromoethane	0.226	0.225	0.4	61	0.00
62	S	4-Bromofluorobenzene	0.387	0.372	3.9	59	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	62	0.00
64	T	Tetrachloroethene	0.462	0.437	5.4	57	0.00
65	PM	Chlorobenzene	1.128	1.096	2.8	58	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.373	3.9	58	0.00
67	C	Ethyl Benzene	2.113	2.026	4.1#	57	0.00
68	T	m/p-Xylenes	0.796	0.762	4.3	57	0.00
69	T	o-Xylene	0.753	0.718	4.6	58	0.00
70	T	Styrene	1.270	1.225	3.5	58	0.00
71	P	Bromoform	0.209	0.191	8.6	56	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	60	0.00
73	T	Isopropylbenzene	4.142	3.981	3.9	57	0.00
74	T	N-amyl acetate	1.185	0.986	16.8	51	0.00
75	P	1,1,2,2-Tetrachloroethane	0.637	0.624	2.0	60	0.00
76	T	1,2,3-Trichloropropane	0.507	0.471	7.1	56	0.00
77	T	Bromobenzene	0.885	0.853	3.6	57	0.00
78	T	n-propylbenzene	4.996	4.789	4.1	56	0.00
79	T	2-Chlorotoluene	2.746	2.599	5.4	56	0.00
80	T	1,3,5-Trimethylbenzene	3.344	3.173	5.1	56	0.00
81	T	trans-1,4-Dichloro-2-butene	0.250	0.214	14.4	54	0.00
82	T	4-Chlorotoluene	2.824	2.646	6.3	55	0.00
83	T	tert-Butylbenzene	2.972	2.841	4.4	56	0.00
84	T	1,2,4-Trimethylbenzene	3.319	3.180	4.2	56	0.00
85	T	sec-Butylbenzene	4.412	4.211	4.6	55	0.00
86	T	p-Isopropyltoluene	3.710	3.500	5.7	55	0.00
87	T	1,3-Dichlorobenzene	1.806	1.702	5.8	56	0.00
88	T	1,4-Dichlorobenzene	1.737	1.647	5.2	56	0.00
89	T	n-Butylbenzene	3.510	3.257	7.2	53	0.00
90	T	Hexachloroethane	0.749	0.702	6.3	55	0.00
91	T	1,2-Dichlorobenzene	1.517	1.461	3.7	57	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.103	0.093	9.7	56	0.00
93	T	1,2,4-Trichlorobenzene	0.876	0.790	9.8	53	0.00
94	T	Hexachlorobutadiene	0.489	0.405	17.2	49#	0.00
95	T	Naphthalene	1.663	1.528	8.1	55	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.657	11.6	52	0.00

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