Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072125\
Data File : VY023037.D
Acq On : 21 Jul 2025 19:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 22 04:56:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 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	73	0.00
2	T	Dichlorodifluoromethane	0.425	0.348	18.1	69	0.00
3	P	Chloromethane	0.722	0.739	-2.4	87	0.00
4	C	Vinyl Chloride	0.915	0.936	-2.3#	83	0.00
5	T	Bromomethane	0.660	0.705	-6.8	92	0.00
6	T	Chloroethane	0.611	0.661	-8.2	86	0.00
7	T	Trichlorofluoromethane	1.062	0.980	7.7	73	0.00
8	T	Diethyl Ether	0.278	0.266	4.3	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.558	0.495	11.3	71	0.00
10	T	Methyl Iodide	0.579	0.576	0.5	74	0.00
11	T	Tert butyl alcohol	0.031	0.033	-6.5	81	0.00
12	CM	1,1-Dichloroethene	0.531	0.477	10.2#	73	0.00
13	T	Acrolein	0.014	0.007	50.0#	65	0.00
14	T	Allyl chloride	0.809	0.762	5.8	75	0.00
15	T	Acrylonitrile	0.105	0.115	-9.5	85	0.00
16	T	Acetone	0.092	0.083	9.8	78	0.00
17	T	Carbon Disulfide	1.610	1.461	9.3	74	0.00
18	T	Methyl Acetate	0.311	0.421	-35.4#	95	0.00
19	T	Methyl tert-butyl Ether	1.274	1.332	-4.6	81	0.00
20	T	Methylene Chloride	0.871	0.672	22.8	81	0.00
21	T	trans-1,2-Dichloroethene	0.591	0.562	4.9	77	0.00
22	T	Diisopropyl ether	1.717	1.768	-3.0	81	0.00
23	T	Vinyl Acetate	0.865	0.869	-0.5	78	0.00
24	P	1,1-Dichloroethane	1.079	1.069	0.9	79	0.00
25	T	2-Butanone	0.132	0.137	-3.8	81	0.00
26	T	2,2-Dichloropropane	0.945	0.820	13.2	70	0.00
27	T	cis-1,2-Dichloroethene	0.682	0.670	1.8	77	0.00
28	T	Bromochloromethane	0.418	0.449	-7.4	82	0.00
29	T	Tetrahydrofuran	0.083	0.092	-10.8	82	0.00
30	C	Chloroform	1.088	1.112	-2.2#	82	0.00
31	T	Cyclohexane	1.008	0.873	13.4	72	0.00
32	T	1,1,1-Trichloroethane	0.987	0.947	4.1	76	0.00
33	S	1,2-Dichloroethane-d4	0.506	0.550	-8.7	84	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35	S	Dibromofluoromethane	0.317	0.310	2.2	79	0.00
36	T	1,1-Dichloropropene	0.500	0.460	8.0	75	0.00
37	T	Ethyl Acetate	0.186	0.182	2.2	80	0.00
38	T	Carbon Tetrachloride	0.543	0.495	8.8	75	0.00
39	T	Methylcyclohexane	0.647	0.571	11.7	72	0.00
40	TM	Benzene	1.504	1.467	2.5	80	0.00
41	T	Methacrylonitrile	0.101	0.109	-7.9	84	0.00
42	TM	1,2-Dichloroethane	0.374	0.391	-4.5	84	0.00
43	T	Isopropyl Acetate	0.369	0.383	-3.8	81	0.00
44	TM	Trichloroethene	0.386	0.350	9.3	74	0.00
45	C	1,2-Dichloropropane	0.351	0.345	1.7#	81	0.00
46	T	Dibromomethane	0.182	0.186	-2.2	83	0.00
47	T	Bromodichloromethane	0.502	0.504	-0.4	82	0.00
48	T	Methyl methacrylate	0.178	0.198	-11.2	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	85	0.00
50	S	Toluene-d8	1.258	1.233	2.0	79	0.00
51	T	4-Methyl-2-Pentanone	0.187	0.206	-10.2	83	0.00
52	CM	Toluene	0.935	0.908	2.9#	79	0.00
53	T	t-1,3-Dichloropropene	0.431	0.430	0.2	80	0.00
54	T	cis-1,3-Dichloropropene	0.519	0.516	0.6	81	0.00
55	T	1,1,2-Trichloroethane	0.239	0.244	-2.1	83	0.00
56	T	Ethyl methacrylate	0.298	0.317	-6.4	81	0.00
57	T	1,3-Dichloropropane	0.412	0.430	-4.4	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.146	0.162	-11.0	79	0.00
59	T	2-Hexanone	0.123	0.135	-9.8	82	0.00
60	T	Dibromochloromethane	0.312	0.322	-3.2	82	0.00
61	T	1,2-Dibromoethane	0.217	0.225	-3.7	83	0.00
62	S	4-Bromofluorobenzene	0.396	0.394	0.5	82	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64	T	Tetrachloroethene	0.511	0.431	15.7	68	0.00
65	PM	Chlorobenzene	1.180	1.106	6.3	80	0.00
66	T	1,1,1,2-Tetrachloroethane	0.402	0.384	4.5	82	0.00
67	C	Ethyl Benzene	2.091	1.973	5.6#	79	0.00
68	T	m/p-Xylenes	0.802	0.758	5.5	79	0.00
69	T	o-Xylene	0.744	0.714	4.0	80	0.00
70	T	Styrene	1.219	1.216	0.2	82	0.00
71	P	Bromoform	0.204	0.201	1.5	84	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73	T	Isopropylbenzene	4.239	3.693	12.9	78	0.00
74	T	N-amyl acetate	0.799	0.741	7.3	80	0.00
75	P	1,1,2,2-Tetrachloroethane	0.613	0.605	1.3	93	0.00
76	T	1,2,3-Trichloropropane	0.623	0.482	22.6	70	0.00
77	T	Bromobenzene	0.919	0.829	9.8	82	0.00
78	T	n-propylbenzene	5.048	4.517	10.5	80	0.00
79	T	2-Chlorotoluene	2.839	2.513	11.5	81	0.00
80	T	1,3,5-Trimethylbenzene	3.343	3.018	9.7	81	0.00
81	T	trans-1,4-Dichloro-2-butene	0.209	0.184	12.0	79	0.00
82	T	4-Chlorotoluene	2.864	2.625	8.3	83	0.00
83	T	tert-Butylbenzene	3.020	2.670	11.6	78	0.00
84	T	1,2,4-Trimethylbenzene	3.291	3.028	8.0	82	0.00
85	T	sec-Butylbenzene	4.526	4.019	11.2	80	0.00
86	T	p-Isopropyltoluene	3.676	3.297	10.3	80	0.00
87	T	1,3-Dichlorobenzene	1.855	1.655	10.8	81	0.00
88	T	1,4-Dichlorobenzene	1.795	1.609	10.4	82	0.00
89	T	n-Butylbenzene	3.392	3.081	9.2	81	0.00
90	T	Hexachloroethane	0.761	0.674	11.4	81	0.00
91	T	1,2-Dichlorobenzene	1.565	1.442	7.9	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.091	0.094	-3.3	90	0.00
93	T	1,2,4-Trichlorobenzene	0.825	0.751	9.0	81	0.00
94	T	Hexachlorobutadiene	0.520	0.442	15.0	80	0.00
95	T	Naphthalene	1.323	1.334	-0.8	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.681	0.635	6.8	81	0.00

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