Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
Data File : VY023212.D
Acq On : 25 Aug 2025 16:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 25 23:51:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 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	82	0.00
2	T	Dichlorodifluoromethane	0.408	0.317	22.3	75	0.00
3	P	Chloromethane	0.661	0.586	11.3	79	0.00
4	C	Vinyl Chloride	0.817	0.763	6.6#	81	0.00
5	T	Bromomethane	0.610	0.591	3.1	90	0.00
6	T	Chloroethane	0.543	0.550	-1.3	87	0.00
7	T	Trichlorofluoromethane	0.994	0.924	7.0	81	0.00
8	T	Diethyl Ether	0.263	0.239	9.1	78	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.490	0.456	6.9	81	0.01
10	T	Methyl Iodide	0.529	0.600	-13.4	89	0.01
11	T	Tert butyl alcohol	0.033	0.024	27.3#	62	0.00
12	CM	1,1-Dichloroethene	0.482	0.461	4.4#	82	0.00
13	T	Acrolein	0.048	0.009	81.3#	16#	0.00
14	T	Allyl chloride	0.709	0.648	8.6	77	0.00
15	T	Acrylonitrile	0.107	0.095	11.2	73	0.01
16	T	Acetone	0.103	0.083	19.4	66	0.00
17	T	Carbon Disulfide	1.571	1.449	7.8	80	0.00
18	T	Methyl Acetate	0.307	0.271	11.7	69	0.00
19	T	Methyl tert-butyl Ether	1.249	1.131	9.4	75	0.01
20	T	Methylene Chloride	0.620	0.567	8.5	91	0.01
21	T	trans-1,2-Dichloroethene	0.541	0.546	-0.9	85	0.01
22	T	Diisopropyl ether	1.541	1.476	4.2	80	0.00
23	T	Vinyl Acetate	0.852	0.753	11.6	73	0.01
24	P	1,1-Dichloroethane	0.942	0.950	-0.8	85	0.00
25	T	2-Butanone	0.140	0.113	19.3	65	0.01
26	T	2,2-Dichloropropane	0.813	0.811	0.2	84	0.00
27	T	cis-1,2-Dichloroethene	0.626	0.647	-3.4	87	0.00
28	T	Bromochloromethane	0.374	0.344	8.0	77	0.00
29	T	Tetrahydrofuran	0.087	0.071	18.4	67	0.00
30	C	Chloroform	0.971	1.002	-3.2#	87	0.00
31	T	Cyclohexane	0.888	0.742	16.4	74	0.00
32	T	1,1,1-Trichloroethane	0.862	0.868	-0.7	85	0.00
33	S	1,2-Dichloroethane-d4	0.477	0.457	4.2	81	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35	S	Dibromofluoromethane	0.299	0.309	-3.3	85	0.01
36	T	1,1-Dichloropropene	0.445	0.445	0.0	83	0.00
37	T	Ethyl Acetate	0.187	0.162	13.4	69	0.00
38	T	Carbon Tetrachloride	0.483	0.490	-1.4	85	0.00
39	T	Methylcyclohexane	0.586	0.545	7.0	78	0.00
40	TM	Benzene	1.370	1.431	-4.5	86	0.00
41	T	Methacrylonitrile	0.108	0.084	22.2	61	0.00
42	TM	1,2-Dichloroethane	0.356	0.346	2.8	80	0.00
43	T	Isopropyl Acetate	0.378	0.321	15.1	69	0.00
44	TM	Trichloroethene	0.354	0.378	-6.8	89	0.00
45	C	1,2-Dichloropropane	0.315	0.322	-2.2#	84	0.00
46	T	Dibromomethane	0.181	0.182	-0.6	82	0.00
47	T	Bromodichloromethane	0.466	0.480	-3.0	84	0.00
48	T	Methyl methacrylate	0.181	0.155	14.4	66	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	72	0.00
50	S	Toluene-d8	1.169	1.227	-5.0	86	0.00
51	T	4-Methyl-2-Pentanone	0.195	0.169	13.3	68	0.00
52	CM	Toluene	0.870	0.921	-5.9#	86	0.00
53	T	t-1,3-Dichloropropene	0.422	0.413	2.1	79	0.00
54	T	cis-1,3-Dichloropropene	0.499	0.502	-0.6	81	0.00
55	T	1,1,2-Trichloroethane	0.242	0.248	-2.5	84	0.00
56	T	Ethyl methacrylate	0.310	0.290	6.5	73	0.00
57	T	1,3-Dichloropropane	0.411	0.406	1.2	81	0.00
58	T	2-Chloroethyl Vinyl ether	0.146	0.134	8.2	70	0.00
59	T	2-Hexanone	0.133	0.114	14.3	67	0.00
60	T	Dibromochloromethane	0.320	0.330	-3.1	84	0.00
61	T	1,2-Dibromoethane	0.228	0.231	-1.3	82	0.00
62	S	4-Bromofluorobenzene	0.376	0.395	-5.1	86	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.446	0.503	-12.8	95	0.00
65	PM	Chlorobenzene	1.079	1.119	-3.7	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.366	0.386	-5.5	87	0.00
67	C	Ethyl Benzene	1.856	1.931	-4.0#	85	0.00
68	T	m/p-Xylenes	0.725	0.770	-6.2	88	0.00
69	T	o-Xylene	0.679	0.719	-5.9	86	0.00
70	T	Styrene	1.110	1.206	-8.6	88	0.00
71	P	Bromoform	0.214	0.213	0.5	82	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73	T	Isopropylbenzene	3.529	3.515	0.4	86	0.00
74	T	N-amyl acetate	0.748	0.596	20.3	67	0.00
75	P	1,1,2,2-Tetrachloroethane	0.603	0.509	15.6	75	0.00
76	T	1,2,3-Trichloropropane	0.483	0.370	23.4	60	0.00
77	T	Bromobenzene	0.842	0.837	0.6	87	0.00
78	T	n-propylbenzene	4.201	4.200	0.0	86	0.00
79	T	2-Chlorotoluene	2.407	2.387	0.8	86	0.00
80	T	1,3,5-Trimethylbenzene	2.852	2.896	-1.5	87	0.00
81	T	trans-1,4-Dichloro-2-butene	0.199	0.165	17.1	72	0.00
82	T	4-Chlorotoluene	2.497	2.429	2.7	85	0.00
83	T	tert-Butylbenzene	2.576	2.635	-2.3	88	0.00
84	T	1,2,4-Trimethylbenzene	2.839	2.892	-1.9	88	0.00
85	T	sec-Butylbenzene	3.784	3.808	-0.6	87	0.00
86	T	p-Isopropyltoluene	3.141	3.276	-4.3	89	0.00
87	T	1,3-Dichlorobenzene	1.660	1.681	-1.3	90	0.00
88	T	1,4-Dichlorobenzene	1.647	1.645	0.1	89	0.00
89	T	n-Butylbenzene	2.885	2.902	-0.6	86	0.00
90	T	Hexachloroethane	0.643	0.670	-4.2	92	0.00
91	T	1,2-Dichlorobenzene	1.456	1.434	1.5	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.094	0.076	19.1	69	0.00
93	T	1,2,4-Trichlorobenzene	0.861	0.823	4.4	84	0.00
94	T	Hexachlorobutadiene	0.506	0.504	0.4	88	0.00
95	T	Naphthalene	1.468	1.291	12.1	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.697	6.1	83	0.00

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