Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081425\
Data File : VY023109.D
Acq On : 14 Aug 2025 20:38
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: Aug 18 01:32:33 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	77	0.00
2	T	Dichlorodifluoromethane	0.408	0.306	25.0	68	0.00
3	P	Chloromethane	0.661	0.669	-1.2	85	0.00
4	C	Vinyl Chloride	0.817	0.871	-6.6#	87	0.00
5	T	Bromomethane	0.610	0.684	-12.1	98	0.00
6	T	Chloroethane	0.543	0.616	-13.4	92	0.00
7	T	Trichlorofluoromethane	0.994	0.944	5.0	78	0.00
8	T	Diethyl Ether	0.263	0.246	6.5	76	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.490	0.445	9.2	74	0.01
10	T	Methyl Iodide	0.529	0.553	-4.5	78	0.00
11	T	Tert butyl alcohol	0.033	0.029	12.1	70	0.00
12	CM	1,1-Dichloroethene	0.482	0.449	6.8#	75	0.00
13	T	Acrolein	0.048	0.029	39.6#	49#	0.00
14	T	Allyl chloride	0.709	0.651	8.2	73	0.00
15	T	Acrylonitrile	0.107	0.103	3.7	75	0.00
16	T	Acetone	0.103	0.075	27.2#	56	0.01
17	T	Carbon Disulfide	1.571	1.453	7.5	75	0.00
18	T	Methyl Acetate	0.307	0.317	-3.3	76	0.00
19	T	Methyl tert-butyl Ether	1.249	1.233	1.3	77	0.00
20	T	Methylene Chloride	0.620	0.545	12.1	82	0.01
21	T	trans-1,2-Dichloroethene	0.541	0.528	2.4	78	0.01
22	T	Diisopropyl ether	1.541	1.556	-1.0	79	0.00
23	T	Vinyl Acetate	0.852	0.811	4.8	74	0.00
24	P	1,1-Dichloroethane	0.942	0.954	-1.3	80	0.00
25	T	2-Butanone	0.140	0.124	11.4	67	0.01
26	T	2,2-Dichloropropane	0.813	0.679	16.5	66	0.00
27	T	cis-1,2-Dichloroethene	0.626	0.631	-0.8	80	0.00
28	T	Bromochloromethane	0.374	0.376	-0.5	80	0.00
29	T	Tetrahydrofuran	0.087	0.082	5.7	73	0.00
30	C	Chloroform	0.971	1.010	-4.0#	83	0.00
31	T	Cyclohexane	0.888	0.781	12.0	74	0.00
32	T	1,1,1-Trichloroethane	0.862	0.864	-0.2	80	0.00
33	S	1,2-Dichloroethane-d4	0.477	0.514	-7.8	86	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35	S	Dibromofluoromethane	0.299	0.303	-1.3	84	0.00
36	T	1,1-Dichloropropene	0.445	0.420	5.6	78	0.00
37	T	Ethyl Acetate	0.187	0.171	8.6	74	0.00
38	T	Carbon Tetrachloride	0.483	0.455	5.8	79	0.00
39	T	Methylcyclohexane	0.586	0.539	8.0	77	0.00
40	TM	Benzene	1.370	1.362	0.6	82	0.00
41	T	Methacrylonitrile	0.108	0.092	14.8	68	0.00
42	TM	1,2-Dichloroethane	0.356	0.355	0.3	83	0.00
43	T	Isopropyl Acetate	0.378	0.354	6.3	77	0.00
44	TM	Trichloroethene	0.354	0.336	5.1	80	0.00
45	C	1,2-Dichloropropane	0.315	0.317	-0.6#	83	0.00
46	T	Dibromomethane	0.181	0.182	-0.6	82	0.00
47	T	Bromodichloromethane	0.466	0.478	-2.6	84	0.00
48	T	Methyl methacrylate	0.181	0.168	7.2	72	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	78	0.00
50	S	Toluene-d8	1.169	1.191	-1.9	84	0.00
51	T	4-Methyl-2-Pentanone	0.195	0.187	4.1	76	0.00
52	CM	Toluene	0.870	0.879	-1.0#	83	0.00
53	T	t-1,3-Dichloropropene	0.422	0.405	4.0	78	0.00
54	T	cis-1,3-Dichloropropene	0.499	0.481	3.6	78	0.00
55	T	1,1,2-Trichloroethane	0.242	0.238	1.7	81	0.00
56	T	Ethyl methacrylate	0.310	0.306	1.3	77	0.00
57	T	1,3-Dichloropropane	0.411	0.405	1.5	81	0.00
58	T	2-Chloroethyl Vinyl ether	0.146	0.151	-3.4	79	0.00
59	T	2-Hexanone	0.133	0.124	6.8	73	0.00
60	T	Dibromochloromethane	0.320	0.319	0.3	81	0.00
61	T	1,2-Dibromoethane	0.228	0.223	2.2	80	0.00
62	S	4-Bromofluorobenzene	0.376	0.388	-3.2	85	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	T	Tetrachloroethene	0.446	0.421	5.6	81	0.00
65	PM	Chlorobenzene	1.079	1.043	3.3	83	0.00
66	T	1,1,1,2-Tetrachloroethane	0.366	0.360	1.6	83	0.00
67	C	Ethyl Benzene	1.856	1.811	2.4#	81	0.00
68	T	m/p-Xylenes	0.725	0.724	0.1	84	0.00
69	T	o-Xylene	0.679	0.686	-1.0	84	0.00
70	T	Styrene	1.110	1.150	-3.6	86	0.00
71	P	Bromoform	0.214	0.202	5.6	79	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73	T	Isopropylbenzene	3.529	3.313	6.1	82	0.00
74	T	N-amyl acetate	0.748	0.668	10.7	75	0.00
75	P	1,1,2,2-Tetrachloroethane	0.603	0.552	8.5	82	0.00
76	T	1,2,3-Trichloropropane	0.483	0.526	-8.9	85	0.00
77	T	Bromobenzene	0.842	0.777	7.7	81	0.00
78	T	n-propylbenzene	4.201	4.032	4.0	83	0.00
79	T	2-Chlorotoluene	2.407	2.288	4.9	83	0.00
80	T	1,3,5-Trimethylbenzene	2.852	2.750	3.6	83	0.00
81	T	trans-1,4-Dichloro-2-butene	0.199	0.159	20.1	70	0.00
82	T	4-Chlorotoluene	2.497	2.423	3.0	85	0.00
83	T	tert-Butylbenzene	2.576	2.425	5.9	81	0.00
84	T	1,2,4-Trimethylbenzene	2.839	2.794	1.6	85	0.00
85	T	sec-Butylbenzene	3.784	3.618	4.4	83	0.00
86	T	p-Isopropyltoluene	3.141	3.044	3.1	83	0.00
87	T	1,3-Dichlorobenzene	1.660	1.592	4.1	86	0.00
88	T	1,4-Dichlorobenzene	1.647	1.544	6.3	84	0.00
89	T	n-Butylbenzene	2.885	2.813	2.5	84	0.00
90	T	Hexachloroethane	0.643	0.617	4.0	85	0.00
91	T	1,2-Dichlorobenzene	1.456	1.373	5.7	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.094	0.085	9.6	78	0.00
93	T	1,2,4-Trichlorobenzene	0.861	0.771	10.5	79	0.00
94	T	Hexachlorobutadiene	0.506	0.438	13.4	77	0.00
95	T	Naphthalene	1.468	1.353	7.8	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.742	0.666	10.2	80	0.00

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