Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090425\
Data File : VY023278.D
Acq On : 04 Sep 2025 08:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 05 04:21:10 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	90	0.00
2	T	Dichlorodifluoromethane	0.408	0.333	18.4	86	0.00
3	P	Chloromethane	0.661	0.543	17.9	80	0.00
4	C	Vinyl Chloride	0.817	0.709	13.2#	83	0.01
5	T	Bromomethane	0.610	0.560	8.2	93	0.00
6	T	Chloroethane	0.543	0.505	7.0	88	0.01
7	T	Trichlorofluoromethane	0.994	0.935	5.9	89	0.00
8	T	Diethyl Ether	0.263	0.257	2.3	92	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.490	0.504	-2.9	98	0.01
10	T	Methyl Iodide	0.529	0.606	-14.6	99	0.01
11	T	Tert butyl alcohol	0.033	0.038	-15.2	107	0.00
12	CM	1,1-Dichloroethene	0.482	0.475	1.5#	92	0.01
13	T	Acrolein	0.048	0.007	85.4#	14#	0.01
14	T	Allyl chloride	0.709	0.627	11.6	82	0.01
15	T	Acrylonitrile	0.107	0.107	0.0	90	0.01
16	T	Acetone	0.103	0.124	-20.4	108	0.01
17	T	Carbon Disulfide	1.571	1.397	11.1	84	0.01
18	T	Methyl Acetate	0.307	0.320	-4.2	89	0.01
19	T	Methyl tert-butyl Ether	1.249	1.231	1.4	89	0.01
20	T	Methylene Chloride	0.620	0.559	9.8	98	0.01
21	T	trans-1,2-Dichloroethene	0.541	0.553	-2.2	95	0.02
22	T	Diisopropyl ether	1.541	1.471	4.5	87	0.00
23	T	Vinyl Acetate	0.852	0.800	6.1	85	0.01
24	P	1,1-Dichloroethane	0.942	0.938	0.4	92	0.01
25	T	2-Butanone	0.140	0.146	-4.3	92	0.01
26	T	2,2-Dichloropropane	0.813	0.837	-3.0	95	0.00
27	T	cis-1,2-Dichloroethene	0.626	0.643	-2.7	95	0.00
28	T	Bromochloromethane	0.374	0.359	4.0	88	0.00
29	T	Tetrahydrofuran	0.087	0.084	3.4	87	0.00
30	C	Chloroform	0.971	1.013	-4.3#	96	0.00
31	T	Cyclohexane	0.888	0.757	14.8	83	0.01
32	T	1,1,1-Trichloroethane	0.862	0.884	-2.6	95	0.00
33	S	1,2-Dichloroethane-d4	0.477	0.450	5.7	87	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35	S	Dibromofluoromethane	0.299	0.327	-9.4	93	0.01
36	T	1,1-Dichloropropene	0.445	0.469	-5.4	90	0.00
37	T	Ethyl Acetate	0.187	0.197	-5.3	87	0.00
38	T	Carbon Tetrachloride	0.483	0.547	-13.3	98	0.00
39	T	Methylcyclohexane	0.586	0.596	-1.7	88	0.00
40	TM	Benzene	1.370	1.487	-8.5	93	0.01
41	T	Methacrylonitrile	0.108	0.096	11.1	73	0.00
42	TM	1,2-Dichloroethane	0.356	0.382	-7.3	92	0.00
43	T	Isopropyl Acetate	0.378	0.378	0.0	84	0.00
44	TM	Trichloroethene	0.354	0.403	-13.8	98	0.00
45	C	1,2-Dichloropropane	0.315	0.340	-7.9#	92	0.00
46	T	Dibromomethane	0.181	0.208	-14.9	97	0.00
47	T	Bromodichloromethane	0.466	0.524	-12.4	95	0.00
48	T	Methyl methacrylate	0.181	0.185	-2.2	82	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	92	0.00
50	S	Toluene-d8	1.169	1.223	-4.6	89	0.00
51	T	4-Methyl-2-Pentanone	0.195	0.210	-7.7	88	0.00
52	CM	Toluene	0.870	0.964	-10.8#	94	0.00
53	T	t-1,3-Dichloropropene	0.422	0.462	-9.5	92	0.00
54	T	cis-1,3-Dichloropropene	0.499	0.542	-8.6	91	0.00
55	T	1,1,2-Trichloroethane	0.242	0.281	-16.1	98	0.00
56	T	Ethyl methacrylate	0.310	0.340	-9.7	89	0.00
57	T	1,3-Dichloropropane	0.411	0.454	-10.5	94	0.00
58	T	2-Chloroethyl Vinyl ether	0.146	0.145	0.7	78	0.00
59	T	2-Hexanone	0.133	0.150	-12.8	92	0.00
60	T	Dibromochloromethane	0.320	0.384	-20.0	101	0.00
61	T	1,2-Dibromoethane	0.228	0.267	-17.1	98	0.01
62	S	4-Bromofluorobenzene	0.376	0.399	-6.1	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.01
64	T	Tetrachloroethene	0.446	0.523	-17.3	103	0.00
65	PM	Chlorobenzene	1.079	1.192	-10.5	97	0.00
66	T	1,1,1,2-Tetrachloroethane	0.366	0.421	-15.0	100	0.00
67	C	Ethyl Benzene	1.856	2.016	-8.6#	93	0.00
68	T	m/p-Xylenes	0.725	0.805	-11.0	96	0.00
69	T	o-Xylene	0.679	0.755	-11.2	94	0.00
70	T	Styrene	1.110	1.277	-15.0	97	0.00
71	P	Bromoform	0.214	0.259	-21.0	104	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	3.529	3.778	-7.1	95	0.00
74	T	N-amyl acetate	0.748	0.725	3.1	83	0.00
75	P	1,1,2,2-Tetrachloroethane	0.603	0.639	-6.0	96	0.00
76	T	1,2,3-Trichloropropane	0.483	0.485	-0.4	80	0.00
77	T	Bromobenzene	0.842	0.935	-11.0	99	0.00
78	T	n-propylbenzene	4.201	4.475	-6.5	93	0.00
79	T	2-Chlorotoluene	2.407	2.547	-5.8	94	0.01
80	T	1,3,5-Trimethylbenzene	2.852	3.092	-8.4	95	0.00
81	T	trans-1,4-Dichloro-2-butene	0.199	0.210	-5.5	94	0.00
82	T	4-Chlorotoluene	2.497	2.636	-5.6	94	0.01
83	T	tert-Butylbenzene	2.576	2.771	-7.6	94	0.00
84	T	1,2,4-Trimethylbenzene	2.839	3.099	-9.2	96	0.00
85	T	sec-Butylbenzene	3.784	4.091	-8.1	95	0.00
86	T	p-Isopropyltoluene	3.141	3.500	-11.4	97	0.00
87	T	1,3-Dichlorobenzene	1.660	1.856	-11.8	102	0.00
88	T	1,4-Dichlorobenzene	1.647	1.812	-10.0	100	0.00
89	T	n-Butylbenzene	2.885	3.091	-7.1	94	0.00
90	T	Hexachloroethane	0.643	0.709	-10.3	99	0.01
91	T	1,2-Dichlorobenzene	1.456	1.618	-11.1	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.094	0.099	-5.3	91	0.00
93	T	1,2,4-Trichlorobenzene	0.861	0.928	-7.8	96	0.00
94	T	Hexachlorobutadiene	0.506	0.576	-13.8	103	0.00
95	T	Naphthalene	1.468	1.586	-8.0	94	0.00

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96 T	1,2,3-Trichlorobenzene	0.742	0.815	-9.8	100	0.00

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