Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
Data File : VY022988.D
Acq On : 08 Jul 2025 20:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 09 02:37:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	75	0.00
2	T	Dichlorodifluoromethane	50.000	43.311	13.4	65	0.00
3	P	Chloromethane	50.000	46.634	6.7	72	0.00
4	C	Vinyl Chloride	50.000	48.865	2.3#	71	0.00
5	T	Bromomethane	50.000	49.310	1.4	76	0.00
6	T	Chloroethane	50.000	51.991	-4.0	77	0.00
7	T	Trichlorofluoromethane	50.000	44.282	11.4	64	0.00
8	T	Diethyl Ether	50.000	49.518	1.0	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.702	0.6	74	0.00
10	T	Methyl Iodide	50.000	52.573	-5.1	70	0.00
11	T	Tert butyl alcohol	250.000	228.082	8.8	66	-0.01
12	CM	1,1-Dichloroethene	50.000	49.261	1.5#	72	0.00
13	T	Acrolein	250.000	74.480	70.2#	23	0.00
14	T	Allyl chloride	50.000	51.013	-2.0	74	0.00
15	T	Acrylonitrile	250.000	261.497	-4.6	75	0.00
16	T	Acetone	250.000	238.921	4.4	79	0.00
17	T	Carbon Disulfide	50.000	46.821	6.4	68	0.00
18	T	Methyl Acetate	50.000	51.495	-3.0	76	-0.01
19	T	Methyl tert-butyl Ether	50.000	50.531	-1.1	72	-0.01
20	T	Methylene Chloride	50.000	60.393	-20.8	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.916	0.2	73	0.00
22	T	Diisopropyl ether	50.000	52.935	-5.9	76	0.00
23	T	Vinyl Acetate	250.000	256.963	-2.8	72	0.00
24	P	1,1-Dichloroethane	50.000	52.270	-4.5	76	0.00
25	T	2-Butanone	250.000	252.078	-0.8	75	0.00
26	T	2,2-Dichloropropane	50.000	48.018	4.0	71	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.721	-3.4	76	0.00
28	T	Bromochloromethane	50.000	53.372	-6.7	76	0.00
29	T	Tetrahydrofuran	250.000	259.973	-4.0	74	0.00
30	C	Chloroform	50.000	52.106	-4.2#	76	0.00
31	T	Cyclohexane	50.000	47.829	4.3	72	0.00
32	T	1,1,1-Trichloroethane	50.000	51.724	-3.4	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.738	-1.5	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35	S	Dibromofluoromethane	50.000	50.877	-1.8	77	0.00
36	T	1,1-Dichloropropene	50.000	50.902	-1.8	75	0.00
37	T	Ethyl Acetate	50.000	51.362	-2.7	75	0.00
38	T	Carbon Tetrachloride	50.000	49.962	0.1	74	0.00
39	T	Methylcyclohexane	50.000	49.786	0.4	72	0.00
40	TM	Benzene	50.000	51.984	-4.0	76	0.00
41	T	Methacrylonitrile	50.000	49.284	1.4	76	-0.01
42	TM	1,2-Dichloroethane	50.000	51.386	-2.8	75	0.00
43	T	Isopropyl Acetate	50.000	51.229	-2.5	73	0.00
44	TM	Trichloroethene	50.000	50.543	-1.1	73	0.00
45	C	1,2-Dichloropropane	50.000	52.770	-5.5#	78	0.00
46	T	Dibromomethane	50.000	51.084	-2.2	76	0.00
47	T	Bromodichloromethane	50.000	53.054	-6.1	78	0.00
48	T	Methyl methacrylate	50.000	52.597	-5.2	73	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	926.195	7.4	67	-0.01
50	S	Toluene-d8	50.000	50.760	-1.5	76	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.350	-7.7	75	0.00
52	CM	Toluene	50.000	52.123	-4.2#	76	0.00
53	T	t-1,3-Dichloropropene	50.000	51.777	-3.6	75	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.982	-4.0	76	0.00
55	T	1,1,2-Trichloroethane	50.000	52.150	-4.3	76	0.00
56	T	Ethyl methacrylate	50.000	52.588	-5.2	73	0.00
57	T	1,3-Dichloropropane	50.000	51.576	-3.2	75	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	250.158	-0.1	77	0.00
59	T	2-Hexanone	250.000	262.000	-4.8	74	0.00
60	T	Dibromochloromethane	50.000	52.809	-5.6	76	0.00
61	T	1,2-Dibromoethane	50.000	51.154	-2.3	74	0.00
62	S	4-Bromofluorobenzene	50.000	51.558	-3.1	78	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	47.454	5.1	67	0.00
65	PM	Chlorobenzene	50.000	50.571	-1.1	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.793	-1.6	75	0.00
67	C	Ethyl Benzene	50.000	51.866	-3.7#	76	0.00
68	T	m/p-Xylenes	100.000	103.926	-3.9	76	0.00
69	T	o-Xylene	50.000	51.724	-3.4	76	0.00
70	T	Styrene	50.000	52.673	-5.3	76	0.00
71	P	Bromoform	50.000	50.577	-1.2	76	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73	T	Isopropylbenzene	50.000	48.923	2.2	76	0.00
74	T	N-amyl acetate	50.000	49.211	1.6	73	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.189	-0.4	84	0.00
76	T	1,2,3-Trichloropropane	50.000	48.875	2.3	78	0.00
77	T	Bromobenzene	50.000	47.684	4.6	75	0.00
78	T	n-propylbenzene	50.000	49.808	0.4	78	0.00
79	T	2-Chlorotoluene	50.000	49.381	1.2	77	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.439	-0.9	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.564	6.9	76	0.00
82	T	4-Chlorotoluene	50.000	48.891	2.2	77	0.00
83	T	tert-Butylbenzene	50.000	50.220	-0.4	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.404	-0.8	78	0.00
85	T	sec-Butylbenzene	50.000	50.770	-1.5	78	0.00
86	T	p-Isopropyltoluene	50.000	50.623	-1.2	78	0.00
87	T	1,3-Dichlorobenzene	50.000	48.700	2.6	77	0.00
88	T	1,4-Dichlorobenzene	50.000	48.308	3.4	77	0.00
89	T	n-Butylbenzene	50.000	49.745	0.5	77	0.00
90	T	Hexachloroethane	50.000	49.122	1.8	76	0.00
91	T	1,2-Dichlorobenzene	50.000	48.020	4.0	76	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.458	7.1	73	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.044	9.9	71	0.00
94	T	Hexachlorobutadiene	50.000	46.348	7.3	75	0.00
95	T	Naphthalene	50.000	45.893	8.2	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.496	11.0	71	0.00

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