Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
Data File : VY022712.D
Acq On : 17 Jun 2025 08:48
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 18 04:36:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 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	70	0.00
2	T	Dichlorodifluoromethane	50.000	43.101	13.8	66	0.00
3	P	Chloromethane	50.000	41.167	17.7	62	0.00
4	C	Vinyl Chloride	50.000	49.719	0.6#	71	0.00
5	T	Bromomethane	50.000	42.438	15.1	71	0.00
6	T	Chloroethane	50.000	53.134	-6.3	81	0.00
7	T	Trichlorofluoromethane	50.000	48.695	2.6	73	0.00
8	T	Diethyl Ether	50.000	49.132	1.7	69	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.238	-0.5	72	0.00
10	T	Methyl Iodide	50.000	52.004	-4.0	67	0.00
11	T	Tert butyl alcohol	250.000	231.902	7.2	66	0.00
12	CM	1,1-Dichloroethene	50.000	50.784	-1.6#	72	0.00
13	T	Acrolein	250.000	103.053	58.8#	30	0.00
14	T	Allyl chloride	50.000	49.280	1.4	71	0.00
15	T	Acrylonitrile	250.000	248.646	0.5	69	0.00
16	T	Acetone	250.000	300.976	-20.4	83	0.00
17	T	Carbon Disulfide	50.000	47.217	5.6	67	0.00
18	T	Methyl Acetate	50.000	51.963	-3.9	74	0.00
19	T	Methyl tert-butyl Ether	50.000	50.312	-0.6	71	0.00
20	T	Methylene Chloride	50.000	48.042	3.9	76	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.249	-2.5	74	0.00
22	T	Diisopropyl ether	50.000	52.408	-4.8	74	0.00
23	T	Vinyl Acetate	250.000	244.379	2.2	69	0.00
24	P	1,1-Dichloroethane	50.000	54.414	-8.8	78	0.00
25	T	2-Butanone	250.000	264.033	-5.6	72	0.00
26	T	2,2-Dichloropropane	50.000	54.123	-8.2	76	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.521	-7.0	75	0.00
28	T	Bromochloromethane	50.000	53.421	-6.8	78	0.00
29	T	Tetrahydrofuran	250.000	240.668	3.7	68	0.00
30	C	Chloroform	50.000	54.821	-9.6#	78	0.00
31	T	Cyclohexane	50.000	45.297	9.4	67	0.00
32	T	1,1,1-Trichloroethane	50.000	53.506	-7.0	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.264	7.5	61	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	71	0.00
35	S	Dibromofluoromethane	50.000	47.437	5.1	62	0.00
36	T	1,1-Dichloropropene	50.000	51.610	-3.2	73	0.00
37	T	Ethyl Acetate	50.000	47.652	4.7	64	0.00
38	T	Carbon Tetrachloride	50.000	53.384	-6.8	74	0.00
39	T	Methylcyclohexane	50.000	48.167	3.7	68	0.00
40	TM	Benzene	50.000	53.809	-7.6	76	0.00
41	T	Methacrylonitrile	50.000	46.357	7.3	66	0.00
42	TM	1,2-Dichloroethane	50.000	53.117	-6.2	75	0.00
43	T	Isopropyl Acetate	50.000	47.600	4.8	66	0.00
44	TM	Trichloroethene	50.000	53.368	-6.7	74	0.00
45	C	1,2-Dichloropropane	50.000	55.355	-10.7#	77	0.00
46	T	Dibromomethane	50.000	53.727	-7.5	75	0.00
47	T	Bromodichloromethane	50.000	55.048	-10.1	77	0.00
48	T	Methyl methacrylate	50.000	45.940	8.1	64	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	940.942	5.9	69	0.00
50	S	Toluene-d8	50.000	46.179	7.6	62	0.00
51	T	4-Methyl-2-Pentanone	250.000	247.198	1.1	67	0.00
52	CM	Toluene	50.000	53.526	-7.1#	75	0.00
53	T	t-1,3-Dichloropropene	50.000	53.252	-6.5	74	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.874	-7.7	75	0.00
55	T	1,1,2-Trichloroethane	50.000	53.555	-7.1	76	0.00
56	T	Ethyl methacrylate	50.000	49.555	0.9	68	0.00
57	T	1,3-Dichloropropane	50.000	52.669	-5.3	74	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	272.456	-9.0	77	0.00
59	T	2-Hexanone	250.000	253.685	-1.5	69	0.00
60	T	Dibromochloromethane	50.000	52.863	-5.7	73	0.00
61	T	1,2-Dibromoethane	50.000	52.269	-4.5	73	0.00
62	S	4-Bromofluorobenzene	50.000	45.266	9.5	62	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	59.518	-19.0	85	0.00
65	PM	Chlorobenzene	50.000	53.069	-6.1	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.072	-6.1	76	0.00
67	C	Ethyl Benzene	50.000	52.959	-5.9#	76	0.00
68	T	m/p-Xylenes	100.000	105.508	-5.5	76	0.00
69	T	o-Xylene	50.000	52.972	-5.9	76	0.00
70	T	Styrene	50.000	53.593	-7.2	76	0.00
71	P	Bromoform	50.000	50.337	-0.7	72	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	73	0.00
73	T	Isopropylbenzene	50.000	52.780	-5.6	76	0.00
74	T	N-amyl acetate	50.000	47.096	5.8	66	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.176	3.6	69	0.00
76	T	1,2,3-Trichloropropane	50.000	48.601	2.8	64	0.00
77	T	Bromobenzene	50.000	52.691	-5.4	76	0.00
78	T	n-propylbenzene	50.000	52.468	-4.9	75	0.00
79	T	2-Chlorotoluene	50.000	51.728	-3.5	75	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.858	-5.7	76	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.827	2.3	72	0.00
82	T	4-Chlorotoluene	50.000	52.056	-4.1	75	0.00
83	T	tert-Butylbenzene	50.000	51.968	-3.9	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.442	-4.9	76	0.00
85	T	sec-Butylbenzene	50.000	52.938	-5.9	76	0.00
86	T	p-Isopropyltoluene	50.000	52.875	-5.8	77	0.00
87	T	1,3-Dichlorobenzene	50.000	52.972	-5.9	78	0.00
88	T	1,4-Dichlorobenzene	50.000	52.280	-4.6	76	0.00
89	T	n-Butylbenzene	50.000	52.639	-5.3	75	0.00
90	T	Hexachloroethane	50.000	53.060	-6.1	77	0.00
91	T	1,2-Dichlorobenzene	50.000	51.923	-3.8	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.804	0.4	67	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.172	-2.3	74	0.00
94	T	Hexachlorobutadiene	50.000	49.426	1.1	72	0.00
95	T	Naphthalene	50.000	47.438	5.1	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.581	0.8	72	0.00

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