Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061725\
Data File : VY022726.D
Acq On : 17 Jun 2025 16:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 18 04:43:07 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	60	0.00
2	T	Dichlorodifluoromethane	50.000	42.100	15.8	54	0.00
3	P	Chloromethane	50.000	55.232	-10.5	71	0.00
4	C	Vinyl Chloride	50.000	57.455	-14.9#	70	0.00
5	T	Bromomethane	50.000	49.606	0.8	70	0.00
6	T	Chloroethane	50.000	58.839	-17.7	77	0.00
7	T	Trichlorofluoromethane	50.000	53.821	-7.6	68	0.00
8	T	Diethyl Ether	50.000	54.264	-8.5	65	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.453	1.1	60	0.00
10	T	Methyl Iodide	50.000	54.696	-9.4	60	0.00
11	T	Tert butyl alcohol	250.000	275.116	-10.0	67	0.00
12	CM	1,1-Dichloroethene	50.000	50.819	-1.6#	61	-0.01
13	T	Acrolein	250.000	84.659	66.1#	21	0.00
14	T	Allyl chloride	50.000	49.236	1.5	60	0.00
15	T	Acrylonitrile	250.000	287.296	-14.9	68	0.00
16	T	Acetone	250.000	255.587	-2.2	60	0.00
17	T	Carbon Disulfide	50.000	48.331	3.3	58	0.00
18	T	Methyl Acetate	50.000	67.728	-35.5#	82	-0.01
19	T	Methyl tert-butyl Ether	50.000	55.432	-10.9	66	0.00
20	T	Methylene Chloride	50.000	54.547	-9.1	73	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.663	-9.3	67	0.00
22	T	Diisopropyl ether	50.000	54.565	-9.1	66	0.00
23	T	Vinyl Acetate	250.000	263.549	-5.4	63	-0.01
24	P	1,1-Dichloroethane	50.000	57.061	-14.1	69	0.00
25	T	2-Butanone	250.000	275.810	-10.3	64	0.00
26	T	2,2-Dichloropropane	50.000	52.238	-4.5	63	0.00
27	T	cis-1,2-Dichloroethene	50.000	57.465	-14.9	68	0.00
28	T	Bromochloromethane	50.000	55.603	-11.2	69	0.00
29	T	Tetrahydrofuran	250.000	275.936	-10.4	67	0.00
30	C	Chloroform	50.000	58.596	-17.2#	71	0.00
31	T	Cyclohexane	50.000	44.168	11.7	56	0.00
32	T	1,1,1-Trichloroethane	50.000	55.256	-10.5	66	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.155	-14.3	65	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	61	0.00
35	S	Dibromofluoromethane	50.000	56.490	-13.0	64	0.00
36	T	1,1-Dichloropropene	50.000	52.463	-4.9	64	0.00
37	T	Ethyl Acetate	50.000	54.573	-9.1	63	0.00
38	T	Carbon Tetrachloride	50.000	52.511	-5.0	63	0.00
39	T	Methylcyclohexane	50.000	46.099	7.8	56	0.00
40	TM	Benzene	50.000	56.234	-12.5	68	0.00
41	T	Methacrylonitrile	50.000	52.514	-5.0	65	-0.01
42	TM	1,2-Dichloroethane	50.000	56.784	-13.6	70	0.00
43	T	Isopropyl Acetate	50.000	53.810	-7.6	64	0.00
44	TM	Trichloroethene	50.000	55.621	-11.2	67	0.00
45	C	1,2-Dichloropropane	50.000	56.808	-13.6#	69	0.00
46	T	Dibromomethane	50.000	58.893	-17.8	71	0.00
47	T	Bromodichloromethane	50.000	59.025	-18.0	71	0.00
48	T	Methyl methacrylate	50.000	53.036	-6.1	64	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1143.170	-14.3	72	-0.01
50	S	Toluene-d8	50.000	55.169	-10.3	64	0.00
51	T	4-Methyl-2-Pentanone	250.000	291.319	-16.5	68	0.00
52	CM	Toluene	50.000	55.970	-11.9#	68	0.00
53	T	t-1,3-Dichloropropene	50.000	56.266	-12.5	68	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.687	-11.4	67	0.00
55	T	1,1,2-Trichloroethane	50.000	59.018	-18.0	73	0.00
56	T	Ethyl methacrylate	50.000	56.049	-12.1	66	0.00
57	T	1,3-Dichloropropane	50.000	58.225	-16.5	71	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	310.248	-24.1	76	0.00
59	T	2-Hexanone	250.000	282.882	-13.2	67	0.00
60	T	Dibromochloromethane	50.000	58.322	-16.6	70	0.00
61	T	1,2-Dibromoethane	50.000	58.787	-17.6	72	0.00
62	S	4-Bromofluorobenzene	50.000	53.756	-7.5	64	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	63	0.00
64	T	Tetrachloroethene	50.000	59.089	-18.2	74	0.00
65	PM	Chlorobenzene	50.000	54.896	-9.8	69	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.056	-10.1	69	0.00
67	C	Ethyl Benzene	50.000	53.417	-6.8#	67	0.00
68	T	m/p-Xylenes	100.000	109.168	-9.2	69	0.00
69	T	o-Xylene	50.000	54.933	-9.9	69	0.00
70	T	Styrene	50.000	56.072	-12.1	70	0.00
71	P	Bromoform	50.000	55.886	-11.8	70	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	67	0.00
73	T	Isopropylbenzene	50.000	50.038	-0.1	66	0.00
74	T	N-amyl acetate	50.000	49.525	1.0	64	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.278	-6.6	70	0.00
76	T	1,2,3-Trichloropropane	50.000	45.373	9.3	55	0.00
77	T	Bromobenzene	50.000	52.159	-4.3	69	0.00
78	T	n-propylbenzene	50.000	50.411	-0.8	67	0.00
79	T	2-Chlorotoluene	50.000	52.165	-4.3	69	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.339	-2.7	68	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.990	2.0	66	0.00
82	T	4-Chlorotoluene	50.000	50.650	-1.3	67	0.00
83	T	tert-Butylbenzene	50.000	51.482	-3.0	69	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.154	-4.3	70	0.00
85	T	sec-Butylbenzene	50.000	50.517	-1.0	67	0.00
86	T	p-Isopropyltoluene	50.000	50.659	-1.3	68	0.00
87	T	1,3-Dichlorobenzene	50.000	53.659	-7.3	72	0.00
88	T	1,4-Dichlorobenzene	50.000	53.348	-6.7	71	0.00
89	T	n-Butylbenzene	50.000	50.445	-0.9	66	0.00
90	T	Hexachloroethane	50.000	52.217	-4.4	69	0.00
91	T	1,2-Dichlorobenzene	50.000	53.658	-7.3	71	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	56.548	-13.1	70	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.869	-7.7	71	0.00
94	T	Hexachlorobutadiene	50.000	50.107	-0.2	67	0.00
95	T	Naphthalene	50.000	54.224	-8.4	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.476	-7.0	71	0.00

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