Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101525\
Data File : VY023470.D
Acq On : 15 Oct 2025 10:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 16 02:41:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 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	83	0.00
2	T	Dichlorodifluoromethane	50.000	42.700	14.6	80	0.00
3	P	Chloromethane	50.000	44.343	11.3	81	0.00
4	C	Vinyl Chloride	50.000	45.444	9.1#	81	0.00
5	T	Bromomethane	50.000	45.961	8.1	88	0.00
6	T	Chloroethane	50.000	48.835	2.3	86	0.00
7	T	Trichlorofluoromethane	50.000	47.459	5.1	83	0.00
8	T	Diethyl Ether	50.000	47.266	5.5	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.681	0.6	87	0.00
10	T	Methyl Iodide	50.000	53.144	-6.3	84	0.00
11	T	Tert butyl alcohol	250.000	231.050	7.6	96	0.00
12	CM	1,1-Dichloroethene	50.000	48.441	3.1#	84	0.00
13	T	Acrolein	250.000	129.316	48.3#	45	0.00
14	T	Allyl chloride	50.000	47.369	5.3	82	0.01
15	T	Acrylonitrile	250.000	247.222	1.1	90	0.00
16	T	Acetone	250.000	235.554	5.8	93	0.00
17	T	Carbon Disulfide	50.000	47.922	4.2	83	0.00
18	T	Methyl Acetate	50.000	53.735	-7.5	95	0.00
19	T	Methyl tert-butyl Ether	50.000	48.690	2.6	85	0.00
20	T	Methylene Chloride	50.000	45.227	9.5	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.713	-1.4	88	0.01
22	T	Diisopropyl ether	50.000	49.695	0.6	86	0.00
23	T	Vinyl Acetate	250.000	239.146	4.3	83	0.00
24	P	1,1-Dichloroethane	50.000	49.883	0.2	87	0.00
25	T	2-Butanone	250.000	233.459	6.6	90	0.00
26	T	2,2-Dichloropropane	50.000	49.569	0.9	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.715	-1.4	88	0.00
28	T	Bromochloromethane	50.000	47.999	4.0	89	0.00
29	T	Tetrahydrofuran	250.000	235.750	5.7	85	0.00
30	C	Chloroform	50.000	51.915	-3.8#	91	0.00
31	T	Cyclohexane	50.000	44.908	10.2	81	0.00
32	T	1,1,1-Trichloroethane	50.000	50.889	-1.8	88	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.812	4.4	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	52.159	-4.3	86	0.00
36	T	1,1-Dichloropropene	50.000	53.174	-6.3	88	0.00
37	T	Ethyl Acetate	50.000	50.244	-0.5	87	0.00
38	T	Carbon Tetrachloride	50.000	54.006	-8.0	89	0.00
39	T	Methylcyclohexane	50.000	51.190	-2.4	83	0.00
40	TM	Benzene	50.000	53.387	-6.8	88	0.00
41	T	Methacrylonitrile	50.000	48.900	2.2	86	0.00
42	TM	1,2-Dichloroethane	50.000	52.388	-4.8	89	0.00
43	T	Isopropyl Acetate	50.000	49.743	0.5	85	0.00
44	TM	Trichloroethene	50.000	52.578	-5.2	87	0.00
45	C	1,2-Dichloropropane	50.000	54.224	-8.4#	91	0.00
46	T	Dibromomethane	50.000	54.844	-9.7	92	0.00
47	T	Bromodichloromethane	50.000	54.448	-8.9	90	0.00
48	T	Methyl methacrylate	50.000	52.677	-5.4	87	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1003.229	-0.3	85	0.00
50	S	Toluene-d8	50.000	51.137	-2.3	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	264.957	-6.0	89	0.00
52	CM	Toluene	50.000	54.703	-9.4#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	52.980	-6.0	87	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.991	-6.0	87	0.00
55	T	1,1,2-Trichloroethane	50.000	54.857	-9.7	92	0.00
56	T	Ethyl methacrylate	50.000	53.965	-7.9	87	0.00
57	T	1,3-Dichloropropane	50.000	54.484	-9.0	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	287.155	-14.9	90	0.00
59	T	2-Hexanone	250.000	256.464	-2.6	88	0.00
60	T	Dibromochloromethane	50.000	55.324	-10.6	92	0.00
61	T	1,2-Dibromoethane	50.000	54.521	-9.0	91	0.00
62	S	4-Bromofluorobenzene	50.000	50.372	-0.7	84	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	54.330	-8.7	90	0.00
65	PM	Chlorobenzene	50.000	52.058	-4.1	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.341	-6.7	93	0.00
67	C	Ethyl Benzene	50.000	53.109	-6.2#	88	0.00
68	T	m/p-Xylenes	100.000	108.265	-8.3	89	0.00
69	T	o-Xylene	50.000	53.586	-7.2	89	0.00
70	T	Styrene	50.000	55.403	-10.8	91	0.00
71	P	Bromoform	50.000	53.723	-7.4	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	51.765	-3.5	88	0.00
74	T	N-amyl acetate	50.000	46.322	7.4	81	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.675	-1.3	94	0.00
76	T	1,2,3-Trichloropropane	50.000	48.034	3.9	84	0.00
77	T	Bromobenzene	50.000	49.883	0.2	89	0.00
78	T	n-propylbenzene	50.000	52.996	-6.0	90	0.00
79	T	2-Chlorotoluene	50.000	51.321	-2.6	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.914	-5.8	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.700	0.6	91	0.00
82	T	4-Chlorotoluene	50.000	52.437	-4.9	91	0.00
83	T	tert-Butylbenzene	50.000	51.719	-3.4	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.000	-6.0	90	0.00
85	T	sec-Butylbenzene	50.000	52.474	-4.9	89	0.00
86	T	p-Isopropyltoluene	50.000	52.901	-5.8	89	0.00
87	T	1,3-Dichlorobenzene	50.000	51.048	-2.1	90	0.00
88	T	1,4-Dichlorobenzene	50.000	49.988	0.0	89	0.00
89	T	n-Butylbenzene	50.000	52.171	-4.3	88	0.00
90	T	Hexachloroethane	50.000	51.891	-3.8	92	0.00
91	T	1,2-Dichlorobenzene	50.000	50.906	-1.8	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.243	1.5	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.487	5.0	83	0.00
94	T	Hexachlorobutadiene	50.000	49.436	1.1	86	0.00
95	T	Naphthalene	50.000	46.727	6.5	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.489	5.0	83	0.00

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