

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YY110425\
 Data File : VY023677.D
 Acq On : 04 Nov 2025 16:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 05 04:53:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	43.861	12.3	105	0.00
3 P	Chloromethane	50.000	46.312	7.4	103	0.00
4 C	Vinyl Chloride	50.000	46.426	7.1#	101	0.00
5 T	Bromomethane	50.000	44.600	10.8	101	0.00
6 T	Chloroethane	50.000	47.880	4.2	102	0.00
7 T	Trichlorofluoromethane	50.000	47.206	5.6	102	0.00
8 T	Diethyl Ether	50.000	50.170	-0.3	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.068	1.9	105	0.00
10 T	Methyl Iodide	50.000	52.929	-5.9	101	0.00
11 T	Tert butyl alcohol	250.000	240.495	3.8	115	0.00
12 CM	1,1-Dichloroethene	50.000	50.152	-0.3#	106	0.00
13 T	Acrolein	250.000	220.953	11.6	106	0.00
14 T	Allyl chloride	50.000	52.161	-4.3	107	0.00
15 T	Acrylonitrile	250.000	261.197	-4.5	111	0.00
16 T	Acetone	250.000	224.060	10.4	100	0.00
17 T	Carbon Disulfide	50.000	49.351	1.3	105	0.00
18 T	Methyl Acetate	50.000	51.978	-4.0	115	0.00
19 T	Methyl tert-butyl Ether	50.000	53.215	-6.4	109	0.00
20 T	Methylene Chloride	50.000	46.942	6.1	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.133	-0.3	103	0.00
22 T	Diisopropyl ether	50.000	53.227	-6.5	105	0.00
23 T	Vinyl Acetate	250.000	267.995	-7.2	106	0.00
24 P	1,1-Dichloroethane	50.000	50.204	-0.4	104	0.00
25 T	2-Butanone	250.000	244.267	2.3	108	0.00
26 T	2,2-Dichloropropane	50.000	48.460	3.1	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.709	-1.4	104	0.00
28 T	Bromochloromethane	50.000	49.982	0.0	106	0.00
29 T	Tetrahydrofuran	250.000	272.804	-9.1	115	0.00
30 C	Chloroform	50.000	50.267	-0.5#	105	0.00
31 T	Cyclohexane	50.000	49.822	0.4	106	0.00
32 T	1,1,1-Trichloroethane	50.000	49.855	0.3	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.766	2.5	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	49.064	1.9	100	0.00
36 T	1,1-Dichloropropene	50.000	50.939	-1.9	105	0.00
37 T	Ethyl Acetate	50.000	51.824	-3.6	109	0.00
38 T	Carbon Tetrachloride	50.000	50.148	-0.3	104	0.00
39 T	Methylcyclohexane	50.000	53.160	-6.3	106	0.00
40 TM	Benzene	50.000	50.978	-2.0	105	0.00
41 T	Methacrylonitrile	50.000	51.118	-2.2	108	0.00
42 TM	1,2-Dichloroethane	50.000	49.966	0.1	105	0.00
43 T	Isopropyl Acetate	50.000	53.585	-7.2	111	0.00
44 TM	Trichloroethene	50.000	49.289	1.4	103	0.00
45 C	1,2-Dichloropropane	50.000	51.601	-3.2#	106	0.00
46 T	Dibromomethane	50.000	50.751	-1.5	106	0.00
47 T	Bromodichloromethane	50.000	50.906	-1.8	105	0.00
48 T	Methyl methacrylate	50.000	55.060	-10.1	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1077.889	-7.8	111	0.00
50 S	Toluene-d8	50.000	51.122	-2.2	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.243	-9.7	113	0.00
52 CM	Toluene	50.000	52.688	-5.4#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	52.975	-6.0	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.836	-3.7	104	0.00
55 T	1,1,2-Trichloroethane	50.000	51.042	-2.1	106	0.00
56 T	Ethyl methacrylate	50.000	56.940	-13.9	110	0.00
57 T	1,3-Dichloropropane	50.000	51.402	-2.8	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	279.594	-11.8	107	0.00
59 T	2-Hexanone	250.000	266.471	-6.6	110	0.00
60 T	Dibromochloromethane	50.000	51.121	-2.2	104	0.00
61 T	1,2-Dibromoethane	50.000	51.653	-3.3	106	0.00
62 S	4-Bromofluorobenzene	50.000	52.037	-4.1	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	49.522	1.0	101	0.00
65 PM	Chlorobenzene	50.000	50.453	-0.9	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.712	-1.4	104	0.00
67 C	Ethyl Benzene	50.000	52.717	-5.4#	103	0.00
68 T	m/p-Xylenes	100.000	105.203	-5.2	102	0.00
69 T	o-Xylene	50.000	53.104	-6.2	103	0.00
70 T	Styrene	50.000	53.437	-6.9	103	0.00
71 P	Bromoform	50.000	51.904	-3.8	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	51.408	-2.8	103	0.00
74 T	N-amyl acetate	50.000	54.240	-8.5	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.001	-0.0	110	0.00
76 T	1,2,3-Trichloropropane	50.000	48.011	4.0	108	0.00
77 T	Bromobenzene	50.000	49.440	1.1	103	0.00
78 T	n-propylbenzene	50.000	51.399	-2.8	103	0.00
79 T	2-Chlorotoluene	50.000	49.829	0.3	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.608	-3.2	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.575	0.8	107	0.00
82 T	4-Chlorotoluene	50.000	49.876	0.2	102	0.00
83 T	tert-Butylbenzene	50.000	51.383	-2.8	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.405	-2.8	102	0.00
85 T	sec-Butylbenzene	50.000	51.216	-2.4	103	0.00
86 T	p-Isopropyltoluene	50.000	50.985	-2.0	101	0.00
87 T	1,3-Dichlorobenzene	50.000	48.147	3.7	101	0.00
88 T	1,4-Dichlorobenzene	50.000	47.843	4.3	101	0.00
89 T	n-Butylbenzene	50.000	51.117	-2.2	101	0.00
90 T	Hexachloroethane	50.000	47.918	4.2	101	0.00
91 T	1,2-Dichlorobenzene	50.000	48.776	2.4	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.013	-0.0	112	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.139	1.7	101	0.00
94 T	Hexachlorobutadiene	50.000	46.937	6.1	97	0.00
95 T	Naphthalene	50.000	46.003	8.0	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.728	-1.5	103	0.00

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