

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023863.D
 Acq On : 02 Dec 2025 17:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 03 01:05:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 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	80	0.00
2 T	Dichlorodifluoromethane	50.000	44.122	11.8	79	0.00
3 P	Chloromethane	50.000	40.754	18.5	71	0.00
4 C	Vinyl Chloride	50.000	44.767	10.5#	74	0.00
5 T	Bromomethane	50.000	44.439	11.1	81	0.00
6 T	Chloroethane	50.000	47.992	4.0	79	0.00
7 T	Trichlorofluoromethane	50.000	48.911	2.2	81	0.00
8 T	Diethyl Ether	50.000	50.168	-0.3	82	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.682	-1.4	85	0.00
10 T	Methyl Iodide	50.000	44.356	11.3	66	0.00
11 T	Tert butyl alcohol	250.000	210.703	15.7	80	0.01
12 CM	1,1-Dichloroethene	50.000	48.253	3.5#	79	0.00
13 T	Acrolein	250.000	192.567	23.0	63	0.00
14 T	Allyl chloride	50.000	51.034	-2.1	82	0.01
15 T	Acrylonitrile	250.000	265.754	-6.3	85	0.00
16 T	Acetone	250.000	284.887	-14.0	95	0.00
17 T	Carbon Disulfide	50.000	40.823	18.4	67	0.00
18 T	Methyl Acetate	50.000	55.327	-10.7	93	0.00
19 T	Methyl tert-butyl Ether	50.000	52.882	-5.8	84	0.00
20 T	Methylene Chloride	50.000	46.468	7.1	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.671	2.7	79	0.01
22 T	Diisopropyl ether	50.000	55.921	-11.8	88	0.00
23 T	Vinyl Acetate	250.000	272.926	-9.2	84	0.00
24 P	1,1-Dichloroethane	50.000	52.089	-4.2	85	0.00
25 T	2-Butanone	250.000	271.509	-8.6	88	0.00
26 T	2,2-Dichloropropane	50.000	50.203	-0.4	83	0.01
27 T	cis-1,2-Dichloroethene	50.000	51.765	-3.5	85	0.00
28 T	Bromochloromethane	50.000	43.915	12.2	72	0.00
29 T	Tetrahydrofuran	250.000	260.948	-4.4	82	0.00
30 C	Chloroform	50.000	52.934	-5.9#	87	0.00
31 T	Cyclohexane	50.000	46.703	6.6	78	0.00
32 T	1,1,1-Trichloroethane	50.000	51.807	-3.6	85	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.295	-2.6	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35 S	Dibromofluoromethane	50.000	51.844	-3.7	81	0.00
36 T	1,1-Dichloropropene	50.000	51.698	-3.4	83	0.00
37 T	Ethyl Acetate	50.000	53.945	-7.9	85	0.00
38 T	Carbon Tetrachloride	50.000	52.151	-4.3	84	0.00
39 T	Methylcyclohexane	50.000	49.142	1.7	78	0.00
40 TM	Benzene	50.000	51.730	-3.5	83	0.00
41 T	Methacrylonitrile	50.000	61.018	-22.0	100	0.02
42 TM	1,2-Dichloroethane	50.000	54.676	-9.4	87	0.00
43 T	Isopropyl Acetate	50.000	54.555	-9.1	85	0.00
44 TM	Trichloroethene	50.000	53.349	-6.7	86	0.00
45 C	1,2-Dichloropropane	50.000	54.467	-8.9#	87	0.00
46 T	Dibromomethane	50.000	53.759	-7.5	86	0.00
47 T	Bromodichloromethane	50.000	54.741	-9.5	88	0.00
48 T	Methyl methacrylate	50.000	56.429	-12.9	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1027.375	-2.7	81	0.00
50 S	Toluene-d8	50.000	51.376	-2.8	79	0.00
51 T	4-Methyl-2-Pentanone	250.000	282.414	-13.0	86	0.00
52 CM	Toluene	50.000	53.393	-6.8#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	54.424	-8.8	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.778	-7.6	85	0.00
55 T	1,1,2-Trichloroethane	50.000	54.699	-9.4	86	0.00
56 T	Ethyl methacrylate	50.000	55.201	-10.4	82	0.00
57 T	1,3-Dichloropropane	50.000	54.609	-9.2	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	272.679	-9.1	83	0.00
59 T	2-Hexanone	250.000	284.572	-13.8	87	0.00
60 T	Dibromochloromethane	50.000	55.099	-10.2	87	0.00
61 T	1,2-Dibromoethane	50.000	53.948	-7.9	86	0.00
62 S	4-Bromofluorobenzene	50.000	53.008	-6.0	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	56.769	-13.5	93	0.00
65 PM	Chlorobenzene	50.000	51.949	-3.9	85	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.776	-7.6	88	0.00
67 C	Ethyl Benzene	50.000	53.514	-7.0#	85	0.00
68 T	m/p-Xylenes	100.000	107.038	-7.0	84	0.00
69 T	o-Xylene	50.000	53.970	-7.9	86	0.00
70 T	Styrene	50.000	55.090	-10.2	86	0.00
71 P	Bromoform	50.000	53.327	-6.7	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73 T	Isopropylbenzene	50.000	50.657	-1.3	85	0.00
74 T	N-ethyl acetate	50.000	50.296	-0.6	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.585	6.8	80	0.00
76 T	1,2,3-Trichloropropane	50.000	46.422	7.2	78	0.00
77 T	Bromobenzene	50.000	49.822	0.4	86	0.00
78 T	n-propylbenzene	50.000	50.750	-1.5	85	0.00
79 T	2-Chlorotoluene	50.000	49.879	0.2	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.783	-1.6	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.392	1.2	83	0.00
82 T	4-Chlorotoluene	50.000	49.612	0.8	83	0.00
83 T	tert-Butylbenzene	50.000	51.273	-2.5	86	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.459	-0.9	84	0.00
85 T	sec-Butylbenzene	50.000	51.078	-2.2	85	0.00
86 T	p-Isopropyltoluene	50.000	51.009	-2.0	84	0.00
87 T	1,3-Dichlorobenzene	50.000	49.169	1.7	85	0.00
88 T	1,4-Dichlorobenzene	50.000	48.608	2.8	85	0.00
89 T	n-Butylbenzene	50.000	50.857	-1.7	83	0.00
90 T	Hexachloroethane	50.000	49.352	1.3	86	0.00
91 T	1,2-Dichlorobenzene	50.000	50.303	-0.6	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.991	8.0	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.787	2.4	83	0.00
94 T	Hexachlorobutadiene	50.000	47.878	4.2	84	0.00
95 T	Naphthalene	50.000	49.140	1.7	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.655	2.7	83	0.00

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