

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
 Data File : VY023752.D
 Acq On : 12 Nov 2025 10:01
 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: Nov 14 01:18:29 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	43.768	12.5	98	0.00
3 P	Chloromethane	50.000	42.957	14.1	90	0.00
4 C	Vinyl Chloride	50.000	44.730	10.5#	92	0.00
5 T	Bromomethane	50.000	44.340	11.3	95	0.00
6 T	Chloroethane	50.000	47.001	6.0	95	0.00
7 T	Trichlorofluoromethane	50.000	49.598	0.8	101	0.00
8 T	Diethyl Ether	50.000	52.061	-4.1	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.573	0.9	100	0.00
10 T	Methyl Iodide	50.000	52.391	-4.8	94	0.00
11 T	Tert butyl alcohol	250.000	265.604	-6.2	120	0.00
12 CM	1,1-Dichloroethene	50.000	49.898	0.2#	100	0.00
13 T	Acrolein	250.000	147.917	40.8#	67	0.00
14 T	Allyl chloride	50.000	50.281	-0.6	98	0.00
15 T	Acrylonitrile	250.000	274.130	-9.7	110	0.00
16 T	Acetone	250.000	296.206	-18.5	125	0.00
17 T	Carbon Disulfide	50.000	47.684	4.6	96	0.00
18 T	Methyl Acetate	50.000	47.261	5.5	99	0.00
19 T	Methyl tert-butyl Ether	50.000	54.277	-8.6	105	0.00
20 T	Methylene Chloride	50.000	48.141	3.7	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.888	0.2	97	0.00
22 T	Diisopropyl ether	50.000	52.442	-4.9	98	0.00
23 T	Vinyl Acetate	250.000	282.304	-12.9	105	0.00
24 P	1,1-Dichloroethane	50.000	49.791	0.4	98	0.00
25 T	2-Butanone	250.000	284.611	-13.8	118	0.00
26 T	2,2-Dichloropropane	50.000	50.330	-0.7	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.982	-2.0	99	0.00
28 T	Bromochloromethane	50.000	50.352	-0.7	101	0.00
29 T	Tetrahydrofuran	250.000	284.902	-14.0	113	0.00
30 C	Chloroform	50.000	49.839	0.3#	98	0.00
31 T	Cyclohexane	50.000	48.997	2.0	98	0.00
32 T	1,1,1-Trichloroethane	50.000	50.338	-0.7	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.079	1.8	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	51.312	-2.6	95	0.00
36 T	1,1-Dichloropropene	50.000	51.748	-3.5	97	0.00
37 T	Ethyl Acetate	50.000	57.434	-14.9	110	0.00
38 T	Carbon Tetrachloride	50.000	52.770	-5.5	100	0.00
39 T	Methylcyclohexane	50.000	53.914	-7.8	98	0.00
40 TM	Benzene	50.000	51.606	-3.2	97	0.00
41 T	Methacrylonitrile	50.000	53.487	-7.0	103	0.00
42 TM	1,2-Dichloroethane	50.000	52.532	-5.1	101	0.00
43 T	Isopropyl Acetate	50.000	56.911	-13.8	108	0.00
44 TM	Trichloroethene	50.000	51.507	-3.0	98	0.00
45 C	1,2-Dichloropropane	50.000	51.875	-3.8#	98	0.00
46 T	Dibromomethane	50.000	54.149	-8.3	104	0.00
47 T	Bromodichloromethane	50.000	52.874	-5.7	100	0.00
48 T	Methyl methacrylate	50.000	57.229	-14.5	104	0.00

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

49 T	1,4-Dioxane	1000.000	1142.921	-14.3	108	0.00
50 S	Toluene-d8	50.000	51.262	-2.5	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	293.452	-17.4	111	0.00
52 CM	Toluene	50.000	53.583	-7.2#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	55.004	-10.0	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.676	-7.4	98	0.00
55 T	1,1,2-Trichloroethane	50.000	53.983	-8.0	102	0.00
56 T	Ethyl methacrylate	50.000	60.719	-21.4	107	0.00
57 T	1,3-Dichloropropane	50.000	53.676	-7.4	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.439	-9.4	96	0.00
59 T	2-Hexanone	250.000	303.122	-21.2	115	0.00
60 T	Dibromochloromethane	50.000	54.637	-9.3	102	0.00
61 T	1,2-Dibromoethane	50.000	54.724	-9.4	103	0.00
62 S	4-Bromofluorobenzene	50.000	55.455	-10.9	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	52.014	-4.0	98	0.00
65 PM	Chlorobenzene	50.000	52.681	-5.4	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.158	-6.3	101	0.00
67 C	Ethyl Benzene	50.000	54.861	-9.7#	99	0.00
68 T	m/p-Xylenes	100.000	109.309	-9.3	98	0.00
69 T	o-Xylene	50.000	55.171	-10.3	99	0.00
70 T	Styrene	50.000	55.893	-11.8	99	0.00
71 P	Bromoform	50.000	57.582	-15.2	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	56.652	-13.3	100	0.00
74 T	N-amyl acetate	50.000	61.329	-22.7	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.274	-12.5	109	0.00
76 T	1,2,3-Trichloropropane	50.000	48.460	3.1	96	0.00
77 T	Bromobenzene	50.000	55.256	-10.5	101	0.00
78 T	n-propylbenzene	50.000	56.580	-13.2	99	0.00
79 T	2-Chlorotoluene	50.000	55.496	-11.0	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.750	-13.5	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.044	-16.1	110	0.00
82 T	4-Chlorotoluene	50.000	55.295	-10.6	99	0.00
83 T	tert-Butylbenzene	50.000	54.715	-9.4	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.547	-11.1	97	0.00
85 T	sec-Butylbenzene	50.000	55.296	-10.6	98	0.00
86 T	p-Isopropyltoluene	50.000	55.382	-10.8	96	0.00
87 T	1,3-Dichlorobenzene	50.000	52.721	-5.4	97	0.00
88 T	1,4-Dichlorobenzene	50.000	52.392	-4.8	97	0.00
89 T	n-Butylbenzene	50.000	56.351	-12.7	98	0.00
90 T	Hexachloroethane	50.000	53.282	-6.6	99	0.00
91 T	1,2-Dichlorobenzene	50.000	53.955	-7.9	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.614	-13.2	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.264	-10.5	99	0.00
94 T	Hexachlorobutadiene	50.000	53.162	-6.3	97	0.00
95 T	Naphthalene	50.000	52.002	-4.0	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.369	-12.7	101	0.00

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