

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
 Data File : VW032583.D
 Acq On : 08 Dec 2025 09:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 09 02:12:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	49.581	0.8	111	0.00
3 P	Chloromethane	50.000	44.832	10.3	102	0.00
4 C	Vinyl Chloride	50.000	50.612	-1.2#	108	0.00
5 T	Bromomethane	50.000	48.922	2.2	105	0.00
6 T	Chloroethane	50.000	49.069	1.9	102	0.00
7 T	Trichlorofluoromethane	50.000	48.910	2.2	99	0.00
8 T	Diethyl Ether	50.000	48.100	3.8	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.113	-6.2	111	0.00
10 T	Methyl Iodide	50.000	47.889	4.2	102	-0.01
11 T	Tert butyl alcohol	250.000	198.935	20.4	83	0.00
12 CM	1,1-Dichloroethene	50.000	50.581	-1.2#	105	0.00
13 T	Acrolein	250.000	287.638	-15.1	107	0.00
14 T	Allyl chloride	50.000	50.431	-0.9	102	0.00
15 T	Acrylonitrile	250.000	253.696	-1.5	97	0.00
16 T	Acetone	250.000	251.786	-0.7	96	0.00
17 T	Carbon Disulfide	50.000	50.026	-0.1	103	0.00
18 T	Methyl Acetate	50.000	52.219	-4.4	100	0.00
19 T	Methyl tert-butyl Ether	50.000	52.698	-5.4	102	0.00
20 T	Methylene Chloride	50.000	44.836	10.3	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.475	-1.0	104	0.00
22 T	Diisopropyl ether	50.000	52.002	-4.0	101	0.00
23 T	Vinyl Acetate	250.000	261.402	-4.6	98	0.00
24 P	1,1-Dichloroethane	50.000	50.571	-1.1	104	0.00
25 T	2-Butanone	250.000	248.189	0.7	94	0.00
26 T	2,2-Dichloropropane	50.000	47.509	5.0	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.327	1.3	100	0.00
28 T	Bromochloromethane	50.000	48.872	2.3	94	0.00
29 T	Tetrahydrofuran	250.000	256.866	-2.7	93	0.00
30 C	Chloroform	50.000	50.093	-0.2#	105	0.00
31 T	Cyclohexane	50.000	51.265	-2.5	108	0.00
32 T	1,1,1-Trichloroethane	50.000	50.623	-1.2	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.277	11.4	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	45.266	9.5	88	0.00
36 T	1,1-Dichloropropene	50.000	52.546	-5.1	104	0.00
37 T	Ethyl Acetate	50.000	49.616	0.8	93	0.00
38 T	Carbon Tetrachloride	50.000	52.956	-5.9	108	0.00
39 T	Methylcyclohexane	50.000	56.078	-12.2	109	0.00
40 TM	Benzene	50.000	50.341	-0.7	102	0.00
41 T	Methacrylonitrile	50.000	53.575	-7.2	92	0.00
42 TM	1,2-Dichloroethane	50.000	50.712	-1.4	100	0.00
43 T	Isopropyl Acetate	50.000	50.776	-1.6	94	0.00
44 TM	Trichloroethene	50.000	51.280	-2.6	104	0.00
45 C	1,2-Dichloropropane	50.000	51.722	-3.4#	104	0.00
46 T	Dibromomethane	50.000	51.517	-3.0	100	0.00
47 T	Bromodichloromethane	50.000	52.039	-4.1	104	0.00
48 T	Methyl methacrylate	50.000	52.072	-4.1	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1094.428	-9.4	97	0.00
50 S	Toluene-d8	50.000	45.683	8.6	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.708	-3.9	94	0.00
52 CM	Toluene	50.000	51.558	-3.1#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	52.828	-5.7	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.606	-5.2	103	0.00
55 T	1,1,2-Trichloroethane	50.000	50.858	-1.7	101	0.00
56 T	Ethyl methacrylate	50.000	53.630	-7.3	96	0.00
57 T	1,3-Dichloropropane	50.000	51.666	-3.3	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.973	-5.2	94	0.00
59 T	2-Hexanone	250.000	262.809	-5.1	93	0.00
60 T	Dibromochloromethane	50.000	51.320	-2.6	103	0.00
61 T	1,2-Dibromoethane	50.000	50.713	-1.4	99	0.00
62 S	4-Bromofluorobenzene	50.000	45.309	9.4	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	49.201	1.6	101	0.00
65 PM	Chlorobenzene	50.000	50.817	-1.6	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.670	-1.3	99	0.00
67 C	Ethyl Benzene	50.000	52.581	-5.2#	102	0.00
68 T	m/p-Xylenes	100.000	106.872	-6.9	103	0.00
69 T	o-Xylene	50.000	52.439	-4.9	98	0.00
70 T	Styrene	50.000	53.683	-7.4	102	0.00
71 P	Bromoform	50.000	51.936	-3.9	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	54.038	-8.1	99	0.00
74 T	N-amyl acetate	50.000	54.082	-8.2	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.229	-4.5	96	0.00
76 T	1,2,3-Trichloropropane	50.000	59.716	-19.4	115	0.00
77 T	Bromobenzene	50.000	53.858	-7.7	105	0.00
78 T	n-propylbenzene	50.000	55.271	-10.5	102	0.00
79 T	2-Chlorotoluene	50.000	53.861	-7.7	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.423	-8.8	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.858	-7.7	93	0.00
82 T	4-Chlorotoluene	50.000	53.358	-6.7	100	0.00
83 T	tert-Butylbenzene	50.000	55.465	-10.9	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.903	-9.8	102	0.00
85 T	sec-Butylbenzene	50.000	55.014	-10.0	103	0.00
86 T	p-Isopropyltoluene	50.000	52.812	-5.6	101	0.00
87 T	1,3-Dichlorobenzene	50.000	50.886	-1.8	98	0.00
88 T	1,4-Dichlorobenzene	50.000	52.482	-5.0	100	0.00
89 T	n-Butylbenzene	50.000	54.959	-9.9	105	0.00
90 T	Hexachloroethane	50.000	54.017	-8.0	106	0.00
91 T	1,2-Dichlorobenzene	50.000	51.891	-3.8	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.413	-2.8	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.572	-3.1	100	0.00
94 T	Hexachlorobutadiene	50.000	48.192	3.6	93	0.00
95 T	Naphthalene	50.000	55.720	-11.4	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.269	-8.5	102	0.00

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