

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032350.D
 Acq On : 03 Oct 2025 13:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 04 05:03:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	48.058	3.9	102	0.00
3 P	Chloromethane	50.000	46.841	6.3	97	0.00
4 C	Vinyl Chloride	50.000	50.545	-1.1#	98	0.00
5 T	Bromomethane	50.000	50.829	-1.7	101	0.00
6 T	Chloroethane	50.000	52.312	-4.6	100	0.00
7 T	Trichlorofluoromethane	50.000	53.505	-7.0	99	0.00
8 T	Diethyl Ether	50.000	53.169	-6.3	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.983	0.0	99	0.00
10 T	Methyl Iodide	50.000	55.060	-10.1	105	0.00
11 T	Tert butyl alcohol	250.000	248.786	0.5	100	0.00
12 CM	1,1-Dichloroethene	50.000	52.780	-5.6#	102	0.00
13 T	Acrolein	250.000	218.984	12.4	87	0.00
14 T	Allyl chloride	50.000	52.684	-5.4	98	0.00
15 T	Acrylonitrile	250.000	272.478	-9.0	101	0.00
16 T	Acetone	250.000	239.189	4.3	94	0.00
17 T	Carbon Disulfide	50.000	52.265	-4.5	99	0.00
18 T	Methyl Acetate	50.000	56.326	-12.7	93	0.00
19 T	Methyl tert-butyl Ether	50.000	54.864	-9.7	101	0.00
20 T	Methylene Chloride	50.000	58.356	-16.7	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.276	-6.6	100	0.00
22 T	Diisopropyl ether	50.000	55.052	-10.1	102	0.00
23 T	Vinyl Acetate	250.000	274.908	-10.0	103	0.00
24 P	1,1-Dichloroethane	50.000	53.225	-6.5	101	0.00
25 T	2-Butanone	250.000	266.015	-6.4	100	0.00
26 T	2,2-Dichloropropane	50.000	52.758	-5.5	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.146	-6.3	99	0.00
28 T	Bromochloromethane	50.000	53.750	-7.5	99	0.00
29 T	Tetrahydrofuran	250.000	276.473	-10.6	99	0.00
30 C	Chloroform	50.000	53.443	-6.9#	101	0.00
31 T	Cyclohexane	50.000	47.832	4.3	96	0.00
32 T	1,1,1-Trichloroethane	50.000	53.326	-6.7	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.374	-8.7	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	53.241	-6.5	102	0.00
36 T	1,1-Dichloropropene	50.000	52.786	-5.6	100	0.00
37 T	Ethyl Acetate	50.000	54.520	-9.0	104	0.00
38 T	Carbon Tetrachloride	50.000	51.019	-2.0	99	0.00
39 T	Methylcyclohexane	50.000	51.213	-2.4	98	0.00
40 TM	Benzene	50.000	52.613	-5.2	102	0.00
41 T	Methacrylonitrile	50.000	55.609	-11.2	101	0.00
42 TM	1,2-Dichloroethane	50.000	53.393	-6.8	103	0.00
43 T	Isopropyl Acetate	50.000	54.173	-8.3	102	0.00
44 TM	Trichloroethene	50.000	51.393	-2.8	100	0.00
45 C	1,2-Dichloropropane	50.000	53.200	-6.4#	101	0.00
46 T	Dibromomethane	50.000	51.911	-3.8	98	0.00
47 T	Bromodichloromethane	50.000	53.082	-6.2	101	0.00
48 T	Methyl methacrylate	50.000	55.003	-10.0	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1119.559	-12.0	99	0.00
50 S	Toluene-d8	50.000	53.336	-6.7	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	277.715	-11.1	101	0.00
52 CM	Toluene	50.000	53.110	-6.2#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	54.318	-8.6	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.267	-6.5	100	0.00
55 T	1,1,2-Trichloroethane	50.000	53.469	-6.9	102	0.00
56 T	Ethyl methacrylate	50.000	55.982	-12.0	102	0.00
57 T	1,3-Dichloropropane	50.000	54.597	-9.2	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	291.228	-16.5	96	0.00
59 T	2-Hexanone	250.000	277.391	-11.0	101	0.00
60 T	Dibromochloromethane	50.000	54.975	-10.0	102	0.00
61 T	1,2-Dibromoethane	50.000	54.708	-9.4	103	0.00
62 S	4-Bromofluorobenzene	50.000	53.504	-7.0	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	48.978	2.0	98	0.00
65 PM	Chlorobenzene	50.000	50.630	-1.3	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.592	-3.2	104	0.00
67 C	Ethyl Benzene	50.000	51.784	-3.6#	102	0.00
68 T	m/p-Xylenes	100.000	103.450	-3.5	102	0.00
69 T	o-Xylene	50.000	52.680	-5.4	102	0.00
70 T	Styrene	50.000	53.496	-7.0	102	0.00
71 P	Bromoform	50.000	50.526	-1.1	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	50.724	-1.4	100	0.00
74 T	N-ethyl acetate	50.000	52.769	-5.5	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.548	-1.1	102	0.00
76 T	1,2,3-Trichloropropane	50.000	48.559	2.9	101	0.00
77 T	Bromobenzene	50.000	50.480	-1.0	98	0.00
78 T	n-propylbenzene	50.000	50.027	-0.1	100	0.00
79 T	2-Chlorotoluene	50.000	50.671	-1.3	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.504	-1.0	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.643	-5.3	98	0.00
82 T	4-Chlorotoluene	50.000	51.087	-2.2	103	0.00
83 T	tert-Butylbenzene	50.000	51.392	-2.8	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.842	-3.7	101	0.00
85 T	sec-Butylbenzene	50.000	49.916	0.2	99	0.00
86 T	p-Isopropyltoluene	50.000	50.930	-1.9	100	0.00
87 T	1,3-Dichlorobenzene	50.000	50.491	-1.0	101	0.00
88 T	1,4-Dichlorobenzene	50.000	50.496	-1.0	104	0.00
89 T	n-Butylbenzene	50.000	51.350	-2.7	102	0.00
90 T	Hexachloroethane	50.000	50.227	-0.5	102	0.00
91 T	1,2-Dichlorobenzene	50.000	49.590	0.8	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.523	-1.0	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.105	3.8	100	0.00
94 T	Hexachlorobutadiene	50.000	45.384	9.2	99	0.00
95 T	Naphthalene	50.000	52.649	-5.3	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.153	3.7	97	0.00

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