

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111725\
 Data File : VW032466.D
 Acq On : 17 Nov 2025 18:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 18 03:08:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 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	79	0.00
2 T	Dichlorodifluoromethane	50.000	46.191	7.6	74	0.00
3 P	Chloromethane	50.000	49.061	1.9	82	0.00
4 C	Vinyl Chloride	50.000	50.133	-0.3#	81	0.00
5 T	Bromomethane	50.000	51.174	-2.3	83	0.00
6 T	Chloroethane	50.000	51.476	-3.0	82	0.00
7 T	Trichlorofluoromethane	50.000	49.787	0.4	74	0.00
8 T	Diethyl Ether	50.000	52.465	-4.9	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.856	-1.7	81	0.00
10 T	Methyl Iodide	50.000	52.357	-4.7	84	0.00
11 T	Tert butyl alcohol	250.000	232.461	7.0	76	0.00
12 CM	1,1-Dichloroethene	50.000	50.627	-1.3#	79	0.00
13 T	Acrolein	250.000	158.991	36.4#	52	0.00
14 T	Allyl chloride	50.000	52.723	-5.4	83	0.00
15 T	Acrylonitrile	250.000	256.633	-2.7	81	0.00
16 T	Acetone	250.000	211.895	15.2	69	0.00
17 T	Carbon Disulfide	50.000	50.131	-0.3	78	0.00
18 T	Methyl Acetate	50.000	62.692	-25.4#	102	0.00
19 T	Methyl tert-butyl Ether	50.000	53.489	-7.0	84	0.01
20 T	Methylene Chloride	50.000	53.725	-7.5	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.964	-5.9	85	0.00
22 T	Diisopropyl ether	50.000	55.209	-10.4	88	0.00
23 T	Vinyl Acetate	250.000	250.832	-0.3	78	0.00
24 P	1,1-Dichloroethane	50.000	55.382	-10.8	88	0.00
25 T	2-Butanone	250.000	238.070	4.8	76	0.00
26 T	2,2-Dichloropropane	50.000	49.436	1.1	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.280	-6.6	85	0.00
28 T	Bromochloromethane	50.000	52.639	-5.3	90	0.00
29 T	Tetrahydrofuran	250.000	256.461	-2.6	81	0.00
30 C	Chloroform	50.000	55.235	-10.5#	89	0.00
31 T	Cyclohexane	50.000	49.913	0.2	82	0.00
32 T	1,1,1-Trichloroethane	50.000	53.173	-6.3	83	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.672	-5.3	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	49.031	1.9	89	0.00
36 T	1,1-Dichloropropene	50.000	50.903	-1.8	86	0.00
37 T	Ethyl Acetate	50.000	47.181	5.6	80	0.00
38 T	Carbon Tetrachloride	50.000	49.715	0.6	85	0.00
39 T	Methylcyclohexane	50.000	49.905	0.2	83	0.00
40 TM	Benzene	50.000	51.172	-2.3	88	0.00
41 T	Methacrylonitrile	50.000	53.943	-7.9	90	0.00
42 TM	1,2-Dichloroethane	50.000	51.620	-3.2	89	0.00
43 T	Isopropyl Acetate	50.000	48.502	3.0	81	0.00
44 TM	Trichloroethene	50.000	50.312	-0.6	86	0.00
45 C	1,2-Dichloropropane	50.000	51.967	-3.9#	90	0.00
46 T	Dibromomethane	50.000	51.702	-3.4	88	0.00
47 T	Bromodichloromethane	50.000	51.367	-2.7	87	0.00
48 T	Methyl methacrylate	50.000	48.209	3.6	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	983.502	1.6	80	0.00
50 S	Toluene-d8	50.000	49.593	0.8	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	248.150	0.7	82	0.00
52 CM	Toluene	50.000	51.274	-2.5#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	50.374	-0.7	84	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.816	-1.6	86	0.00
55 T	1,1,2-Trichloroethane	50.000	51.113	-2.2	86	0.00
56 T	Ethyl methacrylate	50.000	50.556	-1.1	83	0.00
57 T	1,3-Dichloropropane	50.000	51.099	-2.2	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	243.691	2.5	87	0.00
59 T	2-Hexanone	250.000	232.164	7.1	78	0.00
60 T	Dibromochloromethane	50.000	49.661	0.7	85	0.00
61 T	1,2-Dibromoethane	50.000	50.460	-0.9	86	0.00
62 S	4-Bromofluorobenzene	50.000	50.656	-1.3	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	52.736	-5.5	93	0.00
65 PM	Chlorobenzene	50.000	50.704	-1.4	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.684	-1.4	89	0.00
67 C	Ethyl Benzene	50.000	49.906	0.2#	85	0.00
68 T	m/p-Xylenes	100.000	100.970	-1.0	86	0.00
69 T	o-Xylene	50.000	52.483	-5.0	92	0.00
70 T	Styrene	50.000	51.526	-3.1	88	0.00
71 P	Bromoform	50.000	46.472	7.1	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	50.705	-1.4	85	0.00
74 T	N-amyl acetate	50.000	48.679	2.6	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.140	3.7	82	0.00
76 T	1,2,3-Trichloropropane	50.000	45.019	10.0	84	0.00
77 T	Bromobenzene	50.000	49.777	0.4	84	0.00
78 T	n-propylbenzene	50.000	51.795	-3.6	88	0.00
79 T	2-Chlorotoluene	50.000	51.709	-3.4	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.181	-2.4	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.781	6.4	78	0.00
82 T	4-Chlorotoluene	50.000	51.518	-3.0	89	0.00
83 T	tert-Butylbenzene	50.000	50.858	-1.7	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.953	-1.9	87	0.00
85 T	sec-Butylbenzene	50.000	50.894	-1.8	87	0.00
86 T	p-Isopropyltoluene	50.000	51.323	-2.6	88	0.00
87 T	1,3-Dichlorobenzene	50.000	51.392	-2.8	90	0.00
88 T	1,4-Dichlorobenzene	50.000	49.876	0.2	86	0.00
89 T	n-Butylbenzene	50.000	51.755	-3.5	88	0.00
90 T	Hexachloroethane	50.000	48.319	3.4	82	0.00
91 T	1,2-Dichlorobenzene	50.000	51.661	-3.3	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.285	5.4	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.682	-1.4	86	0.00
94 T	Hexachlorobutadiene	50.000	52.738	-5.5	91	0.00
95 T	Naphthalene	50.000	50.214	-0.4	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.295	-2.6	91	0.00

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