

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111225\
 Data File : VW032437.D
 Acq On : 12 Nov 2025 12:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 05:14:34 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	46.738	6.5	75	0.00
3 P	Chloromethane	50.000	49.765	0.5	84	0.00
4 C	Vinyl Chloride	50.000	50.273	-0.5#	81	0.00
5 T	Bromomethane	50.000	51.636	-3.3	84	0.00
6 T	Chloroethane	50.000	51.137	-2.3	82	0.00
7 T	Trichlorofluoromethane	50.000	49.956	0.1	74	0.00
8 T	Diethyl Ether	50.000	51.340	-2.7	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.062	-0.1	79	0.00
10 T	Methyl Iodide	50.000	51.379	-2.8	82	0.01
11 T	Tert butyl alcohol	250.000	226.083	9.6	74	0.00
12 CM	1,1-Dichloroethene	50.000	49.850	0.3#	78	0.00
13 T	Acrolein	250.000	226.353	9.5	74	0.00
14 T	Allyl chloride	50.000	51.409	-2.8	80	0.00
15 T	Acrylonitrile	250.000	259.840	-3.9	82	0.00
16 T	Acetone	250.000	249.591	0.2	82	0.00
17 T	Carbon Disulfide	50.000	50.337	-0.7	78	0.00
18 T	Methyl Acetate	50.000	53.007	-6.0	86	0.00
19 T	Methyl tert-butyl Ether	50.000	50.539	-1.1	79	0.00
20 T	Methylene Chloride	50.000	48.961	2.1	83	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.958	-3.9	83	0.00
22 T	Diisopropyl ether	50.000	53.572	-7.1	85	0.00
23 T	Vinyl Acetate	250.000	260.912	-4.4	81	0.00
24 P	1,1-Dichloroethane	50.000	52.726	-5.5	84	0.00
25 T	2-Butanone	250.000	248.968	0.4	80	0.00
26 T	2,2-Dichloropropane	50.000	47.127	5.7	77	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.868	-3.7	82	0.00
28 T	Bromochloromethane	50.000	53.177	-6.4	91	0.00
29 T	Tetrahydrofuran	250.000	261.129	-4.5	82	0.00
30 C	Chloroform	50.000	53.456	-6.9#	86	0.00
31 T	Cyclohexane	50.000	47.605	4.8	78	0.00
32 T	1,1,1-Trichloroethane	50.000	51.214	-2.4	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.891	-5.8	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	50.069	-0.1	88	0.00
36 T	1,1-Dichloropropene	50.000	50.866	-1.7	83	0.00
37 T	Ethyl Acetate	50.000	49.867	0.3	82	0.00
38 T	Carbon Tetrachloride	50.000	48.821	2.4	81	0.00
39 T	Methylcyclohexane	50.000	48.947	2.1	79	0.00
40 TM	Benzene	50.000	50.254	-0.5	84	0.00
41 T	Methacrylonitrile	50.000	55.654	-11.3	90	0.00
42 TM	1,2-Dichloroethane	50.000	52.191	-4.4	87	0.00
43 T	Isopropyl Acetate	50.000	49.805	0.4	81	0.00
44 TM	Trichloroethene	50.000	49.050	1.9	81	0.00
45 C	1,2-Dichloropropane	50.000	51.709	-3.4#	86	0.00
46 T	Dibromomethane	50.000	51.206	-2.4	84	0.00
47 T	Bromodichloromethane	50.000	51.707	-3.4	85	0.00
48 T	Methyl methacrylate	50.000	49.281	1.4	76	0.00

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

49 T	1,4-Dioxane	1000.000	1027.788	-2.8	82	0.00
50 S	Toluene-d8	50.000	49.913	0.2	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	257.133	-2.9	83	0.00
52 CM	Toluene	50.000	50.958	-1.9#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	50.707	-1.4	82	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.457	-0.9	82	0.00
55 T	1,1,2-Trichloroethane	50.000	50.374	-0.7	82	0.00
56 T	Ethyl methacrylate	50.000	50.336	-0.7	80	0.00
57 T	1,3-Dichloropropane	50.000	51.285	-2.6	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	263.866	-5.5	91	0.00
59 T	2-Hexanone	250.000	248.650	0.5	81	0.00
60 T	Dibromochloromethane	50.000	50.752	-1.5	85	0.00
61 T	1,2-Dibromoethane	50.000	49.480	1.0	82	0.00
62 S	4-Bromofluorobenzene	50.000	49.794	0.4	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	50.038	-0.1	86	0.00
65 PM	Chlorobenzene	50.000	49.538	0.9	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.011	-0.0	86	0.00
67 C	Ethyl Benzene	50.000	49.725	0.5#	83	0.00
68 T	m/p-Xylenes	100.000	101.401	-1.4	85	0.00
69 T	o-Xylene	50.000	49.812	0.4	85	0.00
70 T	Styrene	50.000	50.332	-0.7	84	0.00
71 P	Bromoform	50.000	45.334	9.3	77	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	47.803	4.4	81	0.00
74 T	N-amyl acetate	50.000	47.654	4.7	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.049	1.9	85	0.00
76 T	1,2,3-Trichloropropane	50.000	44.490	11.0	83	0.00
77 T	Bromobenzene	50.000	49.610	0.8	84	0.00
78 T	n-propylbenzene	50.000	49.290	1.4	84	0.00
79 T	2-Chlorotoluene	50.000	48.250	3.5	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.229	1.5	84	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.347	7.3	78	0.00
82 T	4-Chlorotoluene	50.000	49.678	0.6	86	0.00
83 T	tert-Butylbenzene	50.000	47.475	5.0	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.037	-0.1	86	0.00
85 T	sec-Butylbenzene	50.000	46.318	7.4	80	0.00
86 T	p-Isopropyltoluene	50.000	48.104	3.8	83	0.00
87 T	1,3-Dichlorobenzene	50.000	50.066	-0.1	88	0.00
88 T	1,4-Dichlorobenzene	50.000	48.087	3.8	84	0.00
89 T	n-Butylbenzene	50.000	47.936	4.1	82	0.00
90 T	Hexachloroethane	50.000	46.965	6.1	81	0.00
91 T	1,2-Dichlorobenzene	50.000	48.538	2.9	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.639	8.7	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.043	1.9	84	0.00
94 T	Hexachlorobutadiene	50.000	43.938	12.1	76	0.00
95 T	Naphthalene	50.000	46.977	6.0	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.762	8.5	82	0.00

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