

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
 Data File : VW031955.D
 Acq On : 30 Jul 2025 10:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 31 02:28:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	49.306	1.4	106	0.00
3 P	Chloromethane	50.000	48.630	2.7	111	0.00
4 C	Vinyl Chloride	50.000	50.511	-1.0#	105	0.00
5 T	Bromomethane	50.000	47.768	4.5	104	-0.01
6 T	Chloroethane	50.000	48.716	2.6	105	-0.01
7 T	Trichlorofluoromethane	50.000	40.837	18.3	78	-0.01
8 T	Diethyl Ether	50.000	46.574	6.9	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.075	-0.2	106	-0.01
10 T	Methyl Iodide	50.000	47.999	4.0	104	0.00
11 T	Tert butyl alcohol	250.000	251.700	-0.7	107	0.00
12 CM	1,1-Dichloroethene	50.000	49.356	1.3#	106	0.00
13 T	Acrolein	250.000	81.658	67.3#	43	-0.01
14 T	Allyl chloride	50.000	47.695	4.6	101	-0.01
15 T	Acrylonitrile	250.000	251.595	-0.6	107	0.00
16 T	Acetone	250.000	250.261	-0.1	112	0.00
17 T	Carbon Disulfide	50.000	51.534	-3.1	109	0.00
18 T	Methyl Acetate	50.000	51.444	-2.9	111	0.00
19 T	Methyl tert-butyl Ether	50.000	49.984	0.0	105	0.00
20 T	Methylene Chloride	50.000	44.437	11.1	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.520	1.0	105	0.00
22 T	Diisopropyl ether	50.000	48.332	3.3	101	0.00
23 T	Vinyl Acetate	250.000	252.068	-0.8	105	0.00
24 P	1,1-Dichloroethane	50.000	49.292	1.4	105	0.00
25 T	2-Butanone	250.000	260.812	-4.3	112	0.00
26 T	2,2-Dichloropropane	50.000	46.653	6.7	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.798	2.4	102	0.00
28 T	Bromochloromethane	50.000	43.780	12.4	93	0.00
29 T	Tetrahydrofuran	250.000	255.241	-2.1	107	0.00
30 C	Chloroform	50.000	49.527	0.9#	106	0.00
31 T	Cyclohexane	50.000	48.691	2.6	106	0.00
32 T	1,1,1-Trichloroethane	50.000	48.280	3.4	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.135	7.7	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	48.270	3.5	101	0.00
36 T	1,1-Dichloropropene	50.000	51.003	-2.0	105	0.00
37 T	Ethyl Acetate	50.000	51.239	-2.5	104	0.00
38 T	Carbon Tetrachloride	50.000	52.120	-4.2	107	0.00
39 T	Methylcyclohexane	50.000	51.920	-3.8	105	0.00
40 TM	Benzene	50.000	51.604	-3.2	106	0.00
41 T	Methacrylonitrile	50.000	49.379	1.2	99	0.00
42 TM	1,2-Dichloroethane	50.000	50.175	-0.3	104	0.00
43 T	Isopropyl Acetate	50.000	51.892	-3.8	106	0.00
44 TM	Trichloroethene	50.000	52.178	-4.4	106	0.00
45 C	1,2-Dichloropropane	50.000	50.534	-1.1#	105	0.00
46 T	Dibromomethane	50.000	51.406	-2.8	106	0.00
47 T	Bromodichloromethane	50.000	50.943	-1.9	106	0.00
48 T	Methyl methacrylate	50.000	56.736	-13.5	114	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1118.307	-11.8	99	0.00
50 S	Toluene-d8	50.000	48.419	3.2	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	265.042	-6.0	107	0.00
52 CM	Toluene	50.000	52.020	-4.0#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	51.831	-3.7	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.572	-3.1	105	0.00
55 T	1,1,2-Trichloroethane	50.000	50.684	-1.4	104	0.00
56 T	Ethyl methacrylate	50.000	53.304	-6.6	105	0.00
57 T	1,3-Dichloropropane	50.000	51.436	-2.9	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	236.659	5.3	95	0.00
59 T	2-Hexanone	250.000	268.679	-7.5	108	0.00
60 T	Dibromochloromethane	50.000	53.035	-6.1	109	0.00
61 T	1,2-Dibromoethane	50.000	51.269	-2.5	105	0.00
62 S	4-Bromofluorobenzene	50.000	47.787	4.4	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	49.824	0.4	108	0.00
65 PM	Chlorobenzene	50.000	49.169	1.7	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.366	1.3	106	0.00
67 C	Ethyl Benzene	50.000	49.939	0.1#	103	0.00
68 T	m/p-Xylenes	100.000	100.960	-1.0	106	0.00
69 T	o-Xylene	50.000	50.359	-0.7	103	0.00
70 T	Styrene	50.000	51.711	-3.4	106	0.00
71 P	Bromoform	50.000	52.076	-4.2	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	50.719	-1.4	102	0.00
74 T	N-ethyl acetate	50.000	53.016	-6.0	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.245	-4.5	108	0.00
76 T	1,2,3-Trichloropropane	50.000	52.076	-4.2	107	0.00
77 T	Bromobenzene	50.000	51.236	-2.5	108	0.00
78 T	n-propylbenzene	50.000	50.152	-0.3	103	0.00
79 T	2-Chlorotoluene	50.000	50.636	-1.3	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.907	-1.8	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.494	-5.0	107	0.00
82 T	4-Chlorotoluene	50.000	49.966	0.1	104	0.00
83 T	tert-Butylbenzene	50.000	50.282	-0.6	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.172	1.7	101	0.00
85 T	sec-Butylbenzene	50.000	50.178	-0.4	104	0.00
86 T	p-Isopropyltoluene	50.000	50.972	-1.9	105	0.00
87 T	1,3-Dichlorobenzene	50.000	49.183	1.6	103	0.00
88 T	1,4-Dichlorobenzene	50.000	48.278	3.4	104	0.00
89 T	n-Butylbenzene	50.000	49.866	0.3	101	0.00
90 T	Hexachloroethane	50.000	50.810	-1.6	108	0.00
91 T	1,2-Dichlorobenzene	50.000	49.540	0.9	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.972	-3.9	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.270	-0.5	109	0.00
94 T	Hexachlorobutadiene	50.000	47.881	4.2	99	0.00
95 T	Naphthalene	50.000	53.194	-6.4	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.849	0.3	103	0.00

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