

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031853.D
 Acq On : 14 Jul 2025 16:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 15 02:46:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	39.574	20.9	82	0.01
3 P	Chloromethane	50.000	49.325	1.3	102	0.01
4 C	Vinyl Chloride	50.000	47.858	4.3#	95	0.00
5 T	Bromomethane	50.000	43.707	12.6	88	0.00
6 T	Chloroethane	50.000	46.447	7.1	93	0.00
7 T	Trichlorofluoromethane	50.000	49.373	1.3	98	0.00
8 T	Diethyl Ether	50.000	54.068	-8.1	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.023	6.0	95	0.00
10 T	Methyl Iodide	50.000	46.294	7.4	90	0.00
11 T	Tert butyl alcohol	250.000	273.480	-9.4	99	0.01
12 CM	1,1-Dichloroethene	50.000	48.072	3.9#	98	0.00
13 T	Acrolein	250.000	197.326	21.1	72	0.00
14 T	Allyl chloride	50.000	50.398	-0.8	98	0.00
15 T	Acrylonitrile	250.000	271.049	-8.4	98	0.01
16 T	Acetone	250.000	209.730	16.1	87	0.01
17 T	Carbon Disulfide	50.000	43.132	13.7	85	0.00
18 T	Methyl Acetate	50.000	58.402	-16.8	106	0.00
19 T	Methyl tert-butyl Ether	50.000	57.390	-14.8	106	0.01
20 T	Methylene Chloride	50.000	53.351	-6.7	103	0.01
21 T	trans-1,2-Dichloroethene	50.000	50.476	-1.0	99	0.00
22 T	Diisopropyl ether	50.000	58.863	-17.7	111	0.00
23 T	Vinyl Acetate	250.000	286.345	-14.5	105	0.00
24 P	1,1-Dichloroethane	50.000	53.742	-7.5	106	0.00
25 T	2-Butanone	250.000	283.659	-13.5	100	0.00
26 T	2,2-Dichloropropane	50.000	44.996	10.0	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.218	-10.4	106	0.00
28 T	Bromochloromethane	50.000	55.603	-11.2	107	0.00
29 T	Tetrahydrofuran	250.000	287.967	-15.2	103	0.00
30 C	Chloroform	50.000	54.936	-9.9#	106	0.00
31 T	Cyclohexane	50.000	46.852	6.3	97	0.00
32 T	1,1,1-Trichloroethane	50.000	49.558	0.9	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.150	-10.3	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	49.098	1.8	104	0.00
36 T	1,1-Dichloropropene	50.000	47.084	5.8	102	0.00
37 T	Ethyl Acetate	50.000	51.993	-4.0	107	0.00
38 T	Carbon Tetrachloride	50.000	43.259	13.5	95	0.00
39 T	Methylcyclohexane	50.000	47.311	5.4	103	0.00
40 TM	Benzene	50.000	49.723	0.6	106	0.00
41 T	Methacrylonitrile	50.000	53.661	-7.3	103	0.00
42 TM	1,2-Dichloroethane	50.000	49.963	0.1	107	0.00
43 T	Isopropyl Acetate	50.000	53.121	-6.2	107	0.00
44 TM	Trichloroethene	50.000	46.687	6.6	99	0.00
45 C	1,2-Dichloropropane	50.000	50.690	-1.4#	108	0.00
46 T	Dibromomethane	50.000	50.509	-1.0	105	0.00
47 T	Bromodichloromethane	50.000	50.461	-0.9	106	0.00
48 T	Methyl methacrylate	50.000	53.583	-7.2	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1054.828	-5.5	111	0.00
50 S	Toluene-d8	50.000	49.040	1.9	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	265.760	-6.3	105	0.00
52 CM	Toluene	50.000	48.770	2.5#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	52.270	-4.5	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.577	-3.2	107	0.00
55 T	1,1,2-Trichloroethane	50.000	51.513	-3.0	108	0.00
56 T	Ethyl methacrylate	50.000	57.977	-16.0	115	0.00
57 T	1,3-Dichloropropane	50.000	52.597	-5.2	113	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	269.792	-7.9	108	0.00
59 T	2-Hexanone	250.000	273.814	-9.5	105	0.00
60 T	Dibromochloromethane	50.000	49.673	0.7	101	0.00
61 T	1,2-Dibromoethane	50.000	51.342	-2.7	106	0.00
62 S	4-Bromofluorobenzene	50.000	51.657	-3.3	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	44.174	11.7	96	0.00
65 PM	Chlorobenzene	50.000	50.202	-0.4	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.398	1.2	103	0.00
67 C	Ethyl Benzene	50.000	50.699	-1.4#	107	0.00
68 T	m/p-Xylenes	100.000	98.983	1.0	104	0.00
69 T	o-Xylene	50.000	50.913	-1.8	106	0.00
70 T	Styrene	50.000	52.327	-4.7	106	0.00
71 P	Bromoform	50.000	48.940	2.1	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	48.446	3.1	103	0.00
74 T	N-amyl acetate	50.000	56.920	-13.8	115	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.981	-2.0	107	0.00
76 T	1,2,3-Trichloropropane	50.000	51.680	-3.4	107	0.00
77 T	Bromobenzene	50.000	48.889	2.2	111	0.00
78 T	n-propylbenzene	50.000	48.877	2.2	105	0.00
79 T	2-Chlorotoluene	50.000	50.606	-1.2	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.462	-2.9	108	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.937	2.1	98	0.00
82 T	4-Chlorotoluene	50.000	50.384	-0.8	108	0.00
83 T	tert-Butylbenzene	50.000	48.545	2.9	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.966	2.1	105	0.00
85 T	sec-Butylbenzene	50.000	49.732	0.5	106	0.00
86 T	p-Isopropyltoluene	50.000	49.837	0.3	106	0.00
87 T	1,3-Dichlorobenzene	50.000	48.669	2.7	106	0.00
88 T	1,4-Dichlorobenzene	50.000	45.559	8.9	98	0.00
89 T	n-Butylbenzene	50.000	49.104	1.8	105	0.00
90 T	Hexachloroethane	50.000	47.250	5.5	101	0.00
91 T	1,2-Dichlorobenzene	50.000	48.468	3.1	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.742	4.5	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.778	0.4	107	0.00
94 T	Hexachlorobutadiene	50.000	44.218	11.6	104	0.00
95 T	Naphthalene	50.000	53.647	-7.3	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.482	1.0	106	0.00

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