

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031834.D
 Acq On : 11 Jul 2025 20:34
 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 11 23:49:30 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	43.799	12.4	89	0.00
3 P	Chloromethane	50.000	49.163	1.7	99	0.00
4 C	Vinyl Chloride	50.000	48.879	2.2#	95	0.00
5 T	Bromomethane	50.000	45.719	8.6	90	0.00
6 T	Chloroethane	50.000	47.526	4.9	93	0.00
7 T	Trichlorofluoromethane	50.000	46.703	6.6	90	0.00
8 T	Diethyl Ether	50.000	55.057	-10.1	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.857	4.3	95	0.00
10 T	Methyl Iodide	50.000	47.923	4.2	91	0.00
11 T	Tert butyl alcohol	250.000	251.527	-0.6	88	0.00
12 CM	1,1-Dichloroethene	50.000	48.713	2.6#	96	0.01
13 T	Acrolein	250.000	105.851	57.7#	38	0.01
14 T	Allyl chloride	50.000	52.925	-5.8	100	0.00
15 T	Acrylonitrile	250.000	271.916	-8.8	96	0.01
16 T	Acetone	250.000	203.717	18.5	82	0.01
17 T	Carbon Disulfide	50.000	45.187	9.6	87	0.00
18 T	Methyl Acetate	50.000	68.145	-36.3#	121	0.00
19 T	Methyl tert-butyl Ether	50.000	59.646	-19.3	108	0.01
20 T	Methylene Chloride	50.000	58.704	-17.4	109	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.942	-5.9	101	0.00
22 T	Diisopropyl ether	50.000	60.588	-21.2	111	0.00
23 T	Vinyl Acetate	250.000	273.736	-9.5	98	0.00
24 P	1,1-Dichloroethane	50.000	55.306	-10.6	106	0.00
25 T	2-Butanone	250.000	273.876	-9.6	94	0.00
26 T	2,2-Dichloropropane	50.000	43.693	12.6	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.856	-17.7	111	0.00
28 T	Bromochloromethane	50.000	58.853	-17.7	110	0.00
29 T	Tetrahydrofuran	250.000	282.066	-12.8	98	0.00
30 C	Chloroform	50.000	56.712	-13.4#	107	0.00
31 T	Cyclohexane	50.000	47.401	5.2	95	0.00
32 T	1,1,1-Trichloroethane	50.000	50.559	-1.1	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.355	-12.7	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	49.748	0.5	103	0.00
36 T	1,1-Dichloropropene	50.000	47.098	5.8	100	0.00
37 T	Ethyl Acetate	50.000	48.057	3.9	97	0.00
38 T	Carbon Tetrachloride	50.000	43.640	12.7	94	0.00
39 T	Methylcyclohexane	50.000	46.524	7.0	99	0.00
40 TM	Benzene	50.000	51.160	-2.3	107	0.00
41 T	Methacrylonitrile	50.000	53.872	-7.7	101	0.00
42 TM	1,2-Dichloroethane	50.000	50.892	-1.8	107	0.00
43 T	Isopropyl Acetate	50.000	52.666	-5.3	104	0.00
44 TM	Trichloroethene	50.000	48.349	3.3	101	0.00
45 C	1,2-Dichloropropane	50.000	51.868	-3.7#	109	0.00
46 T	Dibromomethane	50.000	51.709	-3.4	106	0.00
47 T	Bromodichloromethane	50.000	50.989	-2.0	105	0.00
48 T	Methyl methacrylate	50.000	53.406	-6.8	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	928.382	7.2	95	0.00
50 S	Toluene-d8	50.000	50.522	-1.0	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.894	-4.4	101	0.00
52 CM	Toluene	50.000	50.927	-1.9#	107	0.00
53 T	t-1,3-Dichloropropene	50.000	52.547	-5.1	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.439	-2.9	105	0.00
55 T	1,1,2-Trichloroethane	50.000	52.143	-4.3	107	0.00
56 T	Ethyl methacrylate	50.000	57.612	-15.2	112	0.00
57 T	1,3-Dichloropropane	50.000	53.254	-6.5	112	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.365	-9.3	107	0.00
59 T	2-Hexanone	250.000	268.156	-7.3	101	0.00
60 T	Dibromochloromethane	50.000	50.568	-1.1	101	0.00
61 T	1,2-Dibromoethane	50.000	51.779	-3.6	105	0.00
62 S	4-Bromofluorobenzene	50.000	52.653	-5.3	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	45.585	8.8	96	0.00
65 PM	Chlorobenzene	50.000	51.393	-2.8	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.855	-1.7	104	0.00
67 C	Ethyl Benzene	50.000	50.428	-0.9#	104	0.00
68 T	m/p-Xylenes	100.000	100.959	-1.0	104	0.00
69 T	o-Xylene	50.000	53.864	-7.7	109	0.00
70 T	Styrene	50.000	54.158	-8.3	107	0.00
71 P	Bromoform	50.000	50.199	-0.4	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	52.076	-4.2	105	0.00
74 T	N-amyl acetate	50.000	55.591	-11.2	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.384	-6.8	106	0.00
76 T	1,2,3-Trichloropropane	50.000	54.612	-9.2	107	0.00
77 T	Bromobenzene	50.000	53.660	-7.3	115	0.00
78 T	n-propylbenzene	50.000	51.260	-2.5	104	0.00
79 T	2-Chlorotoluene	50.000	54.242	-8.5	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.201	-4.4	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.884	4.2	90	0.00
82 T	4-Chlorotoluene	50.000	52.152	-4.3	105	0.00
83 T	tert-Butylbenzene	50.000	51.641	-3.3	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.094	-4.2	105	0.00
85 T	sec-Butylbenzene	50.000	50.399	-0.8	101	0.00
86 T	p-Isopropyltoluene	50.000	50.671	-1.3	102	0.00
87 T	1,3-Dichlorobenzene	50.000	50.137	-0.3	103	0.00
88 T	1,4-Dichlorobenzene	50.000	50.370	-0.7	102	0.00
89 T	n-Butylbenzene	50.000	50.760	-1.5	103	0.00
90 T	Hexachloroethane	50.000	48.089	3.8	97	0.00
91 T	1,2-Dichlorobenzene	50.000	53.159	-6.3	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.137	3.7	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.728	0.5	101	0.00
94 T	Hexachlorobutadiene	50.000	42.963	14.1	95	0.00
95 T	Naphthalene	50.000	55.747	-11.5	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.309	-4.6	106	0.00

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