

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031767.D
 Acq On : 09 Jul 2025 10:00
 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 10 01:20:31 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	110	0.00
2 T	Dichlorodifluoromethane	50.000	48.665	2.7	118	0.00
3 P	Chloromethane	50.000	46.711	6.6	113	0.00
4 C	Vinyl Chloride	50.000	49.256	1.5#	114	0.00
5 T	Bromomethane	50.000	45.792	8.4	107	0.00
6 T	Chloroethane	50.000	46.795	6.4	109	0.00
7 T	Trichlorofluoromethane	50.000	48.505	3.0	112	0.00
8 T	Diethyl Ether	50.000	46.434	7.1	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.672	2.7	115	0.00
10 T	Methyl Iodide	50.000	48.810	2.4	111	0.00
11 T	Tert butyl alcohol	250.000	244.656	2.1	103	0.00
12 CM	1,1-Dichloroethene	50.000	49.785	0.4#	118	0.00
13 T	Acrolein	250.000	163.732	34.5#	69	0.00
14 T	Allyl chloride	50.000	49.495	1.0	111	0.00
15 T	Acrylonitrile	250.000	249.182	0.3	105	0.00
16 T	Acetone	250.000	241.521	3.4	116	0.00
17 T	Carbon Disulfide	50.000	48.818	2.4	112	0.00
18 T	Methyl Acetate	50.000	52.273	-4.5	111	0.00
19 T	Methyl tert-butyl Ether	50.000	51.014	-2.0	110	0.00
20 T	Methylene Chloride	50.000	51.376	-2.8	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.882	2.2	111	0.00
22 T	Diisopropyl ether	50.000	50.638	-1.3	111	0.00
23 T	Vinyl Acetate	250.000	254.857	-1.9	109	0.00
24 P	1,1-Dichloroethane	50.000	49.580	0.8	113	0.00
25 T	2-Butanone	250.000	261.347	-4.5	107	0.00
26 T	2,2-Dichloropropane	50.000	50.624	-1.2	115	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.562	-1.1	113	0.00
28 T	Bromochloromethane	50.000	48.512	3.0	108	0.00
29 T	Tetrahydrofuran	250.000	257.131	-2.9	107	0.00
30 C	Chloroform	50.000	50.117	-0.2#	113	0.00
31 T	Cyclohexane	50.000	47.095	5.8	113	0.00
32 T	1,1,1-Trichloroethane	50.000	51.493	-3.0	116	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.746	8.5	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	50.123	-0.2	105	0.00
36 T	1,1-Dichloropropene	50.000	53.056	-6.1	115	0.00
37 T	Ethyl Acetate	50.000	51.660	-3.3	106	0.00
38 T	Carbon Tetrachloride	50.000	53.582	-7.2	117	0.00
39 T	Methylcyclohexane	50.000	53.697	-7.4	116	0.00
40 TM	Benzene	50.000	52.368	-4.7	111	0.00
41 T	Methacrylonitrile	50.000	57.124	-14.2	109	0.00
42 TM	1,2-Dichloroethane	50.000	51.134	-2.3	109	0.00
43 T	Isopropyl Acetate	50.000	53.900	-7.8	108	0.00
44 TM	Trichloroethene	50.000	52.407	-4.8	111	0.00
45 C	1,2-Dichloropropane	50.000	52.019	-4.0#	111	0.00
46 T	Dibromomethane	50.000	52.775	-5.5	110	0.00
47 T	Bromodichloromethane	50.000	52.770	-5.5	110	0.00
48 T	Methyl methacrylate	50.000	52.773	-5.5	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1134.460	-13.4	118	0.00
50 S	Toluene-d8	50.000	50.798	-1.6	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	273.384	-9.4	108	0.00
52 CM	Toluene	50.000	53.153	-6.3#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	54.949	-9.9	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.337	-6.7	110	0.00
55 T	1,1,2-Trichloroethane	50.000	52.142	-4.3	109	0.00
56 T	Ethyl methacrylate	50.000	55.690	-11.4	110	0.00
57 T	1,3-Dichloropropane	50.000	52.170	-4.3	111	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	276.291	-10.5	110	0.00
59 T	2-Hexanone	250.000	282.970	-13.2	108	0.00
60 T	Dibromochloromethane	50.000	54.465	-8.9	110	0.00
61 T	1,2-Dibromoethane	50.000	52.348	-4.7	108	0.00
62 S	4-Bromofluorobenzene	50.000	50.627	-1.3	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	50.637	-1.3	110	0.00
65 PM	Chlorobenzene	50.000	53.435	-6.9	115	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.503	-5.0	109	0.00
67 C	Ethyl Benzene	50.000	53.772	-7.5#	113	0.00
68 T	m/p-Xylenes	100.000	107.620	-7.6	113	0.00
69 T	o-Xylene	50.000	55.094	-10.2	114	0.00
70 T	Styrene	50.000	54.068	-8.1	109	0.00
71 P	Bromoform	50.000	56.842	-13.7	113	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	54.917	-9.8	115	0.00
74 T	N-amyl acetate	50.000	56.018	-12.0	111	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.691	-7.4	110	0.00
76 T	1,2,3-Trichloropropane	50.000	53.592	-7.2	109	0.00
77 T	Bromobenzene	50.000	54.654	-9.3	122	0.00
78 T	n-propylbenzene	50.000	53.075	-6.2	111	0.00
79 T	2-Chlorotoluene	50.000	53.166	-6.3	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.273	-8.5	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.083	-14.2	112	0.00
82 T	4-Chlorotoluene	50.000	53.517	-7.0	112	0.00
83 T	tert-Butylbenzene	50.000	55.080	-10.2	117	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.403	-8.8	114	0.00
85 T	sec-Butylbenzene	50.000	54.649	-9.3	114	0.00
86 T	p-Isopropyltoluene	50.000	55.212	-10.4	116	0.00
87 T	1,3-Dichlorobenzene	50.000	52.975	-6.0	113	0.00
88 T	1,4-Dichlorobenzene	50.000	50.977	-2.0	107	0.00
89 T	n-Butylbenzene	50.000	54.295	-8.6	114	0.00
90 T	Hexachloroethane	50.000	52.627	-5.3	110	0.00
91 T	1,2-Dichlorobenzene	50.000	51.439	-2.9	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.150	-8.3	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.520	-5.0	111	0.00
94 T	Hexachlorobutadiene	50.000	54.757	-9.5	126	0.00
95 T	Naphthalene	50.000	56.879	-13.8	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.994	-14.0	120	0.00

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