

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
 Data File : VW031758.D
 Acq On : 03 Jul 2025 10:09
 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 04 04:49:33 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	42.386	15.2	99	0.00
3 P	Chloromethane	50.000	49.656	0.7	115	0.00
4 C	Vinyl Chloride	50.000	49.956	0.1#	111	0.00
5 T	Bromomethane	50.000	48.685	2.6	110	0.00
6 T	Chloroethane	50.000	48.570	2.9	109	0.00
7 T	Trichlorofluoromethane	50.000	48.048	3.9	106	0.00
8 T	Diethyl Ether	50.000	47.771	4.5	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.983	4.0	109	0.00
10 T	Methyl Iodide	50.000	50.811	-1.6	111	0.00
11 T	Tert butyl alcohol	250.000	264.397	-5.8	107	0.00
12 CM	1,1-Dichloroethene	50.000	49.681	0.6#	113	0.00
13 T	Acrolein	250.000	215.030	14.0	87	0.00
14 T	Allyl chloride	50.000	52.149	-4.3	113	0.00
15 T	Acrylonitrile	250.000	263.983	-5.6	107	0.00
16 T	Acetone	250.000	245.490	1.8	113	0.00
17 T	Carbon Disulfide	50.000	50.092	-0.2	110	0.00
18 T	Methyl Acetate	50.000	52.738	-5.5	107	0.00
19 T	Methyl tert-butyl Ether	50.000	55.076	-10.2	114	0.00
20 T	Methylene Chloride	50.000	49.759	0.5	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.987	-2.0	112	0.00
22 T	Diisopropyl ether	50.000	53.315	-6.6	112	0.00
23 T	Vinyl Acetate	250.000	274.323	-9.7	113	0.00
24 P	1,1-Dichloroethane	50.000	51.210	-2.4	112	0.00
25 T	2-Butanone	250.000	281.678	-12.7	111	0.00
26 T	2,2-Dichloropropane	50.000	51.589	-3.2	112	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.006	-4.0	112	0.00
28 T	Bromochloromethane	50.000	48.611	2.8	104	0.00
29 T	Tetrahydrofuran	250.000	275.494	-10.2	110	0.00
30 C	Chloroform	50.000	50.139	-0.3#	108	0.00
31 T	Cyclohexane	50.000	47.442	5.1	110	0.00
32 T	1,1,1-Trichloroethane	50.000	50.967	-1.9	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.535	2.9	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	49.778	0.4	102	0.00
36 T	1,1-Dichloropropene	50.000	52.650	-5.3	111	0.00
37 T	Ethyl Acetate	50.000	55.177	-10.4	111	0.00
38 T	Carbon Tetrachloride	50.000	53.427	-6.9	114	0.00
39 T	Methylcyclohexane	50.000	53.224	-6.4	113	0.00
40 TM	Benzene	50.000	53.415	-6.8	111	0.00
41 T	Methacrylonitrile	50.000	59.131	-18.3	110	0.00
42 TM	1,2-Dichloroethane	50.000	53.055	-6.1	110	0.00
43 T	Isopropyl Acetate	50.000	57.069	-14.1	112	0.00
44 TM	Trichloroethene	50.000	52.153	-4.3	108	0.00
45 C	1,2-Dichloropropane	50.000	53.045	-6.1#	110	0.00
46 T	Dibromomethane	50.000	54.586	-9.2	111	0.00
47 T	Bromodichloromethane	50.000	53.833	-7.7	110	0.00
48 T	Methyl methacrylate	50.000	60.610	-21.2	120	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	978.139	2.2	100	0.00
50 S	Toluene-d8	50.000	50.891	-1.8	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	282.440	-13.0	109	0.00
52 CM	Toluene	50.000	53.680	-7.4#	112	0.00
53 T	t-1,3-Dichloropropene	50.000	55.476	-11.0	109	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.005	-10.0	111	0.00
55 T	1,1,2-Trichloroethane	50.000	53.646	-7.3	109	0.00
56 T	Ethyl methacrylate	50.000	57.951	-15.9	112	0.00
57 T	1,3-Dichloropropane	50.000	54.661	-9.3	114	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	272.874	-9.1	106	0.00
59 T	2-Hexanone	250.000	295.712	-18.3	110	0.00
60 T	Dibromochloromethane	50.000	55.445	-10.9	110	0.00
61 T	1,2-Dibromoethane	50.000	53.791	-7.6	108	0.00
62 S	4-Bromofluorobenzene	50.000	51.442	-2.9	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	51.396	-2.8	109	0.00
65 PM	Chlorobenzene	50.000	53.285	-6.6	112	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.754	-11.5	114	0.00
67 C	Ethyl Benzene	50.000	54.103	-8.2#	111	0.00
68 T	m/p-Xylenes	100.000	106.012	-6.0	109	0.00
69 T	o-Xylene	50.000	56.176	-12.4	114	0.00
70 T	Styrene	50.000	54.825	-9.7	108	0.00
71 P	Bromoform	50.000	56.107	-12.2	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	53.266	-6.5	110	0.00
74 T	N-amyl acetate	50.000	57.302	-14.6	112	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.688	-7.4	109	0.00
76 T	1,2,3-Trichloropropane	50.000	52.626	-5.3	106	0.00
77 T	Bromobenzene	50.000	53.228	-6.5	118	0.00
78 T	n-propylbenzene	50.000	53.224	-6.4	110	0.00
79 T	2-Chlorotoluene	50.000	53.505	-7.0	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.197	-8.4	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.869	-11.7	108	0.00
82 T	4-Chlorotoluene	50.000	52.308	-4.6	109	0.00
83 T	tert-Butylbenzene	50.000	55.078	-10.2	116	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.846	-5.7	110	0.00
85 T	sec-Butylbenzene	50.000	52.031	-4.1	107	0.00
86 T	p-Isopropyltoluene	50.000	52.932	-5.9	110	0.00
87 T	1,3-Dichlorobenzene	50.000	51.177	-2.4	108	0.00
88 T	1,4-Dichlorobenzene	50.000	51.006	-2.0	106	0.00
89 T	n-Butylbenzene	50.000	52.882	-5.8	110	0.00
90 T	Hexachloroethane	50.000	50.987	-2.0	105	0.00
91 T	1,2-Dichlorobenzene	50.000	51.930	-3.9	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.615	-7.2	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.926	-5.9	111	0.00
94 T	Hexachlorobutadiene	50.000	55.390	-10.8	126	0.00
95 T	Naphthalene	50.000	55.004	-10.0	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.241	-6.5	111	0.00

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