

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031756.D
 Acq On : 02 Jul 2025 15:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 03 06:11:21 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	45.583	8.8	102	0.00
3 P	Chloromethane	50.000	46.075	7.8	103	0.00
4 C	Vinyl Chloride	50.000	48.722	2.6#	104	0.00
5 T	Bromomethane	50.000	45.494	9.0	99	0.00
6 T	Chloroethane	50.000	47.259	5.5	102	0.00
7 T	Trichlorofluoromethane	50.000	46.981	6.0	100	0.00
8 T	Diethyl Ether	50.000	44.005	12.0	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.872	4.3	104	0.00
10 T	Methyl Iodide	50.000	47.105	5.8	99	0.00
11 T	Tert butyl alcohol	250.000	213.705	14.5	83	0.00
12 CM	1,1-Dichloroethene	50.000	49.077	1.8#	107	0.00
13 T	Acrolein	250.000	188.973	24.4	74	0.00
14 T	Allyl chloride	50.000	48.675	2.7	101	0.00
15 T	Acrylonitrile	250.000	226.994	9.2	89	0.00
16 T	Acetone	250.000	225.742	9.7	100	0.00
17 T	Carbon Disulfide	50.000	47.125	5.8	100	0.00
18 T	Methyl Acetate	50.000	37.768	24.5	74	0.00
19 T	Methyl tert-butyl Ether	50.000	47.173	5.7	94	0.00
20 T	Methylene Chloride	50.000	47.343	5.3	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.627	4.7	100	0.00
22 T	Diisopropyl ether	50.000	47.999	4.0	97	0.00
23 T	Vinyl Acetate	250.000	246.527	1.4	97	0.00
24 P	1,1-Dichloroethane	50.000	47.926	4.1	101	0.00
25 T	2-Butanone	250.000	228.646	8.5	87	0.00
26 T	2,2-Dichloropropane	50.000	47.279	5.4	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.911	4.2	99	0.00
28 T	Bromochloromethane	50.000	47.051	5.9	97	0.00
29 T	Tetrahydrofuran	250.000	224.753	10.1	86	0.00
30 C	Chloroform	50.000	47.342	5.3#	98	0.00
31 T	Cyclohexane	50.000	46.328	7.3	103	0.00
32 T	1,1,1-Trichloroethane	50.000	47.825	4.3	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.991	4.0	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	50.375	-0.8	99	0.00
36 T	1,1-Dichloropropene	50.000	51.515	-3.0	104	0.00
37 T	Ethyl Acetate	50.000	49.606	0.8	95	0.00
38 T	Carbon Tetrachloride	50.000	50.749	-1.5	103	0.00
39 T	Methylcyclohexane	50.000	52.216	-4.4	106	0.00
40 TM	Benzene	50.000	49.312	1.4	98	0.00
41 T	Methacrylonitrile	50.000	51.240	-2.5	92	0.00
42 TM	1,2-Dichloroethane	50.000	48.329	3.3	96	0.00
43 T	Isopropyl Acetate	50.000	49.182	1.6	92	0.00
44 TM	Trichloroethene	50.000	48.920	2.2	97	0.00
45 C	1,2-Dichloropropane	50.000	48.423	3.2#	96	0.00
46 T	Dibromomethane	50.000	49.674	0.7	97	0.00
47 T	Bromodichloromethane	50.000	49.766	0.5	97	0.00
48 T	Methyl methacrylate	50.000	46.755	6.5	88	0.00

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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)
49 T	1,4-Dioxane	1000.000	790.726	20.9	77	0.00
50 S	Toluene-d8	50.000	51.895	-3.8	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	238.855	4.5	88	0.00
52 CM	Toluene	50.000	51.000	-2.0#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	51.183	-2.4	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.374	-0.7	97	0.00
55 T	1,1,2-Trichloroethane	50.000	47.768	4.5	93	0.00
56 T	Ethyl methacrylate	50.000	51.447	-2.9	95	0.00
57 T	1,3-Dichloropropane	50.000	48.276	3.4	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.289	-3.3	96	0.00
59 T	2-Hexanone	250.000	245.826	1.7	88	0.00
60 T	Dibromochloromethane	50.000	48.435	3.1	92	0.00
61 T	1,2-Dibromoethane	50.000	48.015	4.0	93	0.00
62 S	4-Bromofluorobenzene	50.000	51.526	-3.1	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	48.797	2.4	99	0.00
65 PM	Chlorobenzene	50.000	49.476	1.0	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.895	-1.8	100	0.00
67 C	Ethyl Benzene	50.000	50.582	-1.2#	100	0.00
68 T	m/p-Xylenes	100.000	101.076	-1.1	100	0.00
69 T	o-Xylene	50.000	50.237	-0.5	98	0.00
70 T	Styrene	50.000	51.692	-3.4	98	0.00
71 P	Bromoform	50.000	48.780	2.4	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	52.975	-6.0	102	0.00
74 T	N-amyl acetate	50.000	52.665	-5.3	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.135	1.7	93	0.00
76 T	1,2,3-Trichloropropane	50.000	48.216	3.6	90	0.00
77 T	Bromobenzene	50.000	51.782	-3.6	106	0.00
78 T	n-propylbenzene	50.000	53.818	-7.6	103	0.00
79 T	2-Chlorotoluene	50.000	52.492	-5.0	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.773	-5.5	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.821	-1.6	91	0.00
82 T	4-Chlorotoluene	50.000	50.241	-0.5	97	0.00
83 T	tert-Butylbenzene	50.000	53.406	-6.8	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.137	-6.3	102	0.00
85 T	sec-Butylbenzene	50.000	52.852	-5.7	101	0.00
86 T	p-Isopropyltoluene	50.000	52.563	-5.1	101	0.00
87 T	1,3-Dichlorobenzene	50.000	51.125	-2.3	100	0.00
88 T	1,4-Dichlorobenzene	50.000	49.460	1.1	95	0.00
89 T	n-Butylbenzene	50.000	54.195	-8.4	104	0.00
90 T	Hexachloroethane	50.000	52.148	-4.3	100	0.00
91 T	1,2-Dichlorobenzene	50.000	50.249	-0.5	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.831	6.3	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.340	-2.7	99	0.00
94 T	Hexachlorobutadiene	50.000	56.161	-12.3	118	0.00
95 T	Naphthalene	50.000	51.938	-3.9	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.214	-2.4	99	0.00

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