

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031817.D
 Acq On : 11 Jul 2025 11:50
 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 12 00:20:19 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	46.474	7.1	90	0.00
3 P	Chloromethane	50.000	51.844	-3.7	101	0.00
4 C	Vinyl Chloride	50.000	54.331	-8.7#	101	0.00
5 T	Bromomethane	50.000	52.098	-4.2	98	0.00
6 T	Chloroethane	50.000	53.933	-7.9	101	0.00
7 T	Trichlorofluoromethane	50.000	46.920	6.2	87	0.00
8 T	Diethyl Ether	50.000	56.413	-12.8	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.754	-7.5	102	0.00
10 T	Methyl Iodide	50.000	52.968	-5.9	97	0.00
11 T	Tert butyl alcohol	250.000	217.761	12.9	74	0.00
12 CM	1,1-Dichloroethene	50.000	55.682	-11.4#	106	0.00
13 T	Acrolein	250.000	159.484	36.2#	54	0.00
14 T	Allyl chloride	50.000	56.249	-12.5	102	0.00
15 T	Acrylonitrile	250.000	252.355	-0.9	86	0.00
16 T	Acetone	250.000	203.318	18.7	78	0.00
17 T	Carbon Disulfide	50.000	51.953	-3.9	96	0.00
18 T	Methyl Acetate	50.000	54.947	-9.9	93	0.00
19 T	Methyl tert-butyl Ether	50.000	56.018	-12.0	97	0.00
20 T	Methylene Chloride	50.000	62.531	-25.1#	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.802	-13.6	104	0.00
22 T	Diisopropyl ether	50.000	61.761	-23.5	109	0.00
23 T	Vinyl Acetate	250.000	277.887	-11.2	96	0.00
24 P	1,1-Dichloroethane	50.000	58.094	-16.2	107	0.00
25 T	2-Butanone	250.000	252.131	-0.9	83	0.00
26 T	2,2-Dichloropropane	50.000	49.768	0.5	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	59.382	-18.8	107	0.00
28 T	Bromochloromethane	50.000	55.522	-11.0	100	0.00
29 T	Tetrahydrofuran	250.000	253.616	-1.4	85	0.00
30 C	Chloroform	50.000	59.013	-18.0#	107	0.00
31 T	Cyclohexane	50.000	52.430	-4.9	101	0.00
32 T	1,1,1-Trichloroethane	50.000	54.360	-8.7	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.204	-8.4	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	51.761	-3.5	97	0.00
36 T	1,1-Dichloropropene	50.000	54.879	-9.8	106	0.00
37 T	Ethyl Acetate	50.000	48.792	2.4	89	0.00
38 T	Carbon Tetrachloride	50.000	50.412	-0.8	98	0.00
39 T	Methylcyclohexane	50.000	52.798	-5.6	102	0.00
40 TM	Benzene	50.000	57.195	-14.4	108	0.00
41 T	Methacrylonitrile	50.000	51.546	-3.1	88	0.00
42 TM	1,2-Dichloroethane	50.000	54.800	-9.6	104	0.00
43 T	Isopropyl Acetate	50.000	50.633	-1.3	90	0.00
44 TM	Trichloroethene	50.000	52.380	-4.8	99	0.00
45 C	1,2-Dichloropropane	50.000	57.812	-15.6#	109	0.00
46 T	Dibromomethane	50.000	55.087	-10.2	102	0.00
47 T	Bromodichloromethane	50.000	56.467	-12.9	105	0.00
48 T	Methyl methacrylate	50.000	50.197	-0.4	90	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	995.768	0.4	92	0.00
50 S	Toluene-d8	50.000	52.947	-5.9	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.107	-0.4	88	0.00
52 CM	Toluene	50.000	57.372	-14.7#	109	0.00
53 T	t-1,3-Dichloropropene	50.000	55.768	-11.5	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.508	-11.0	102	0.00
55 T	1,1,2-Trichloroethane	50.000	55.902	-11.8	104	0.00
56 T	Ethyl methacrylate	50.000	56.695	-13.4	99	0.00
57 T	1,3-Dichloropropane	50.000	56.144	-12.3	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.883	-4.8	92	0.00
59 T	2-Hexanone	250.000	251.521	-0.6	85	0.00
60 T	Dibromochloromethane	50.000	55.694	-11.4	100	0.00
61 T	1,2-Dibromoethane	50.000	52.369	-4.7	96	0.00
62 S	4-Bromofluorobenzene	50.000	53.078	-6.2	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	46.718	6.6	92	0.00
65 PM	Chlorobenzene	50.000	54.336	-8.7	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.113	-8.2	103	0.00
67 C	Ethyl Benzene	50.000	53.894	-7.8#	104	0.00
68 T	m/p-Xylenes	100.000	111.656	-11.7	107	0.00
69 T	o-Xylene	50.000	56.528	-13.1	107	0.00
70 T	Styrene	50.000	56.732	-13.5	105	0.00
71 P	Bromoform	50.000	47.961	4.1	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	55.162	-10.3	104	0.00
74 T	N-amyI acetate	50.000	53.210	-6.4	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.710	-3.4	96	0.00
76 T	1,2,3-Trichloropropane	50.000	52.019	-4.0	95	0.00
77 T	Bromobenzene	50.000	54.059	-8.1	108	0.00
78 T	n-propylbenzene	50.000	56.857	-13.7	107	0.00
79 T	2-Chlorotoluene	50.000	57.627	-15.3	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.929	-13.9	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.096	1.8	86	0.00
82 T	4-Chlorotoluene	50.000	56.329	-12.7	106	0.00
83 T	tert-Butylbenzene	50.000	55.953	-11.9	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.117	-14.2	108	0.00
85 T	sec-Butylbenzene	50.000	55.070	-10.1	103	0.00
86 T	p-Isopropyltoluene	50.000	58.081	-16.2	109	0.00
87 T	1,3-Dichlorobenzene	50.000	55.624	-11.2	106	0.00
88 T	1,4-Dichlorobenzene	50.000	54.061	-8.1	102	0.00
89 T	n-Butylbenzene	50.000	55.761	-11.5	105	0.00
90 T	Hexachloroethane	50.000	54.881	-9.8	103	0.00
91 T	1,2-Dichlorobenzene	50.000	55.590	-11.2	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.569	8.9	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.387	-2.8	98	0.00
94 T	Hexachlorobutadiene	50.000	49.625	0.8	102	0.00
95 T	Naphthalene	50.000	51.813	-3.6	94	0.00

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

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	50.000	53.904	-7.8	102	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6