

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032339.D
 Acq On : 03 Oct 2025 09:13
 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: Oct 04 04:56:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	42.839	14.3	97	0.00
3 P	Chloromethane	50.000	44.568	10.9	99	0.00
4 C	Vinyl Chloride	50.000	52.559	-5.1#	109	0.00
5 T	Bromomethane	50.000	50.496	-1.0	107	0.00
6 T	Chloroethane	50.000	51.254	-2.5	105	0.00
7 T	Trichlorofluoromethane	50.000	48.616	2.8	96	0.00
8 T	Diethyl Ether	50.000	52.568	-5.1	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.791	-3.6	110	-0.01
10 T	Methyl Iodide	50.000	55.089	-10.2	112	0.00
11 T	Tert butyl alcohol	250.000	257.490	-3.0	111	-0.01
12 CM	1,1-Dichloroethene	50.000	52.973	-5.9#	109	0.00
13 T	Acrolein	250.000	211.066	15.6	90	0.00
14 T	Allyl chloride	50.000	53.554	-7.1	107	0.00
15 T	Acrylonitrile	250.000	256.302	-2.5	102	-0.01
16 T	Acetone	250.000	253.114	-1.2	107	0.00
17 T	Carbon Disulfide	50.000	54.250	-8.5	110	0.00
18 T	Methyl Acetate	50.000	44.154	11.7	78	0.00
19 T	Methyl tert-butyl Ether	50.000	54.285	-8.6	108	0.00
20 T	Methylene Chloride	50.000	58.131	-16.3	116	-0.01
21 T	trans-1,2-Dichloroethene	50.000	53.534	-7.1	108	0.00
22 T	Diisopropyl ether	50.000	54.087	-8.2	108	0.00
23 T	Vinyl Acetate	250.000	274.902	-10.0	110	0.00
24 P	1,1-Dichloroethane	50.000	52.264	-4.5	106	0.00
25 T	2-Butanone	250.000	247.443	1.0	99	0.00
26 T	2,2-Dichloropropane	50.000	54.809	-9.6	112	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.962	-5.9	106	0.00
28 T	Bromochloromethane	50.000	50.350	-0.7	99	0.00
29 T	Tetrahydrofuran	250.000	254.466	-1.8	98	0.00
30 C	Chloroform	50.000	54.696	-9.4#	111	0.00
31 T	Cyclohexane	50.000	50.102	-0.2	108	0.00
32 T	1,1,1-Trichloroethane	50.000	54.571	-9.1	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.196	1.6	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	50.849	-1.7	100	0.00
36 T	1,1-Dichloropropene	50.000	54.852	-9.7	106	0.00
37 T	Ethyl Acetate	50.000	53.852	-7.7	105	0.00
38 T	Carbon Tetrachloride	50.000	54.597	-9.2	108	-0.01
39 T	Methylcyclohexane	50.000	55.378	-10.8	109	0.00
40 TM	Benzene	50.000	54.732	-9.5	108	0.00
41 T	Methacrylonitrile	50.000	58.979	-18.0	110	0.00
42 TM	1,2-Dichloroethane	50.000	54.363	-8.7	107	0.00
43 T	Isopropyl Acetate	50.000	54.594	-9.2	105	0.00
44 TM	Trichloroethene	50.000	52.953	-5.9	106	0.00
45 C	1,2-Dichloropropane	50.000	54.666	-9.3#	106	0.00
46 T	Dibromomethane	50.000	55.133	-10.3	107	0.00
47 T	Bromodichloromethane	50.000	55.687	-11.4	108	0.00
48 T	Methyl methacrylate	50.000	53.469	-6.9	101	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1023.238	-2.3	93	0.00
50 S	Toluene-d8	50.000	51.835	-3.7	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.726	-8.7	101	0.00
52 CM	Toluene	50.000	55.638	-11.3#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	56.068	-12.1	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.914	-9.8	105	0.00
55 T	1,1,2-Trichloroethane	50.000	54.397	-8.8	106	0.00
56 T	Ethyl methacrylate	50.000	55.669	-11.3	104	0.00
57 T	1,3-Dichloropropane	50.000	54.896	-9.8	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	284.680	-13.9	96	0.00
59 T	2-Hexanone	250.000	268.038	-7.2	100	0.00
60 T	Dibromochloromethane	50.000	53.184	-6.4	101	0.00
61 T	1,2-Dibromoethane	50.000	53.577	-7.2	103	0.00
62 S	4-Bromofluorobenzene	50.000	51.688	-3.4	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	50.507	-1.0	101	0.00
65 PM	Chlorobenzene	50.000	53.307	-6.6	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.023	-6.0	107	0.00
67 C	Ethyl Benzene	50.000	55.627	-11.3#	110	0.00
68 T	m/p-Xylenes	100.000	111.272	-11.3	110	0.00
69 T	o-Xylene	50.000	56.292	-12.6	109	0.00
70 T	Styrene	50.000	55.373	-10.7	106	0.00
71 P	Bromoform	50.000	51.883	-3.8	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	54.241	-8.5	107	0.00
74 T	N-ethyl acetate	50.000	53.398	-6.8	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.406	-2.8	104	0.00
76 T	1,2,3-Trichloropropane	50.000	49.555	0.9	104	0.00
77 T	Bromobenzene	50.000	53.896	-7.8	105	0.00
78 T	n-propylbenzene	50.000	54.940	-9.9	110	0.00
79 T	2-Chlorotoluene	50.000	54.484	-9.0	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.299	-8.6	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.341	-8.7	101	0.00
82 T	4-Chlorotoluene	50.000	53.665	-7.3	108	0.00
83 T	tert-Butylbenzene	50.000	56.649	-13.3	112	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.079	-8.2	106	0.00
85 T	sec-Butylbenzene	50.000	54.270	-8.5	108	0.00
86 T	p-Isopropyltoluene	50.000	55.923	-11.8	110	0.00
87 T	1,3-Dichlorobenzene	50.000	53.628	-7.3	108	0.00
88 T	1,4-Dichlorobenzene	50.000	49.923	0.2	104	0.00
89 T	n-Butylbenzene	50.000	55.019	-10.0	110	0.00
90 T	Hexachloroethane	50.000	53.520	-7.0	109	0.00
91 T	1,2-Dichlorobenzene	50.000	53.824	-7.6	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.162	1.7	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.236	-4.5	109	0.00
94 T	Hexachlorobutadiene	50.000	52.448	-4.9	115	0.00
95 T	Naphthalene	50.000	54.769	-9.5	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.931	-1.9	103	0.00

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