

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW031987.D
 Acq On : 04 Aug 2025 09:24
 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: Aug 05 01:12:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 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	109	0.00
2 T	Dichlorodifluoromethane	50.000	47.057	5.9	106	0.00
3 P	Chloromethane	50.000	49.763	0.5	119	0.00
4 C	Vinyl Chloride	50.000	47.700	4.6#	105	0.00
5 T	Bromomethane	50.000	49.227	1.5	112	-0.01
6 T	Chloroethane	50.000	49.649	0.7	113	-0.01
7 T	Trichlorofluoromethane	50.000	43.649	12.7	88	-0.01
8 T	Diethyl Ether	50.000	47.301	5.4	111	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.501	3.0	108	-0.01
10 T	Methyl Iodide	50.000	49.340	1.3	112	0.00
11 T	Tert butyl alcohol	250.000	252.460	-1.0	112	0.00
12 CM	1,1-Dichloroethene	50.000	48.043	3.9#	108	0.00
13 T	Acrolein	250.000	46.885	81.2#	28	0.00
14 T	Allyl chloride	50.000	48.328	3.3	108	-0.01
15 T	Acrylonitrile	250.000	241.666	3.3	108	0.00
16 T	Acetone	250.000	252.797	-1.1	119	0.00
17 T	Carbon Disulfide	50.000	51.244	-2.5	114	-0.01
18 T	Methyl Acetate	50.000	50.222	-0.4	114	0.00
19 T	Methyl tert-butyl Ether	50.000	51.249	-2.5	114	0.00
20 T	Methylene Chloride	50.000	45.265	9.5	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.582	2.8	108	-0.01
22 T	Diisopropyl ether	50.000	48.308	3.4	106	0.00
23 T	Vinyl Acetate	250.000	247.825	0.9	108	-0.01
24 P	1,1-Dichloroethane	50.000	48.284	3.4	108	0.00
25 T	2-Butanone	250.000	247.094	1.2	112	0.00
26 T	2,2-Dichloropropane	50.000	48.611	2.8	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.978	2.0	108	0.00
28 T	Bromochloromethane	50.000	42.729	14.5	96	0.00
29 T	Tetrahydrofuran	250.000	243.457	2.6	107	0.00
30 C	Chloroform	50.000	49.247	1.5#	111	0.00
31 T	Cyclohexane	50.000	45.408	9.2	104	0.00
32 T	1,1,1-Trichloroethane	50.000	49.272	1.5	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.708	8.6	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	48.577	2.8	104	0.00
36 T	1,1-Dichloropropene	50.000	50.527	-1.1	107	0.00
37 T	Ethyl Acetate	50.000	48.529	2.9	101	0.00
38 T	Carbon Tetrachloride	50.000	51.041	-2.1	107	0.00
39 T	Methylcyclohexane	50.000	51.613	-3.2	107	0.00
40 TM	Benzene	50.000	51.223	-2.4	108	0.00
41 T	Methacrylonitrile	50.000	49.512	1.0	102	0.00
42 TM	1,2-Dichloroethane	50.000	49.822	0.4	106	0.00
43 T	Isopropyl Acetate	50.000	51.403	-2.8	108	0.00
44 TM	Trichloroethene	50.000	50.248	-0.5	105	0.00
45 C	1,2-Dichloropropane	50.000	51.362	-2.7#	110	0.00
46 T	Dibromomethane	50.000	52.012	-4.0	110	0.00
47 T	Bromodichloromethane	50.000	52.128	-4.3	111	0.00
48 T	Methyl methacrylate	50.000	51.905	-3.8	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1170.411	-17.0	107	0.00
50 S	Toluene-d8	50.000	51.473	-2.9	112	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.891	-4.8	108	0.00
52 CM	Toluene	50.000	52.228	-4.5#	109	0.00
53 T	t-1,3-Dichloropropene	50.000	52.793	-5.6	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.326	-4.7	109	0.00
55 T	1,1,2-Trichloroethane	50.000	52.349	-4.7	110	0.00
56 T	Ethyl methacrylate	50.000	54.458	-8.9	110	0.00
57 T	1,3-Dichloropropane	50.000	50.881	-1.8	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	141.845	43.3#	58	0.00
59 T	2-Hexanone	250.000	264.279	-5.7	109	0.00
60 T	Dibromochloromethane	50.000	54.958	-9.9	115	0.00
61 T	1,2-Dibromoethane	50.000	51.251	-2.5	108	0.00
62 S	4-Bromofluorobenzene	50.000	48.388	3.2	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	52.168	-4.3	115	0.00
65 PM	Chlorobenzene	50.000	49.985	0.0	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.860	-3.7	113	0.00
67 C	Ethyl Benzene	50.000	50.298	-0.6#	106	0.00
68 T	m/p-Xylenes	100.000	102.663	-2.7	110	0.00
69 T	o-Xylene	50.000	51.699	-3.4	108	0.00
70 T	Styrene	50.000	51.290	-2.6	107	0.00
71 P	Bromoform	50.000	54.531	-9.1	113	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	51.943	-3.9	105	0.00
74 T	N-ethyl acetate	50.000	54.105	-8.2	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.808	-5.6	109	0.00
76 T	1,2,3-Trichloropropane	50.000	50.481	-1.0	104	0.00
77 T	Bromobenzene	50.000	53.039	-6.1	112	0.00
78 T	n-propylbenzene	50.000	52.475	-5.0	108	0.00
79 T	2-Chlorotoluene	50.000	51.882	-3.8	108	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.678	-3.4	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.779	-11.6	114	0.00
82 T	4-Chlorotoluene	50.000	51.476	-3.0	107	0.00
83 T	tert-Butylbenzene	50.000	52.740	-5.5	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.028	-4.1	107	0.00
85 T	sec-Butylbenzene	50.000	51.273	-2.5	106	0.00
86 T	p-Isopropyltoluene	50.000	50.226	-0.5	103	0.00
87 T	1,3-Dichlorobenzene	50.000	52.145	-4.3	109	0.00
88 T	1,4-Dichlorobenzene	50.000	53.064	-6.1	114	0.00
89 T	n-Butylbenzene	50.000	52.053	-4.1	105	0.00
90 T	Hexachloroethane	50.000	53.146	-6.3	113	0.00
91 T	1,2-Dichlorobenzene	50.000	50.911	-1.8	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.255	-4.5	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.994	-4.0	113	0.00
94 T	Hexachlorobutadiene	50.000	54.030	-8.1	112	0.00
95 T	Naphthalene	50.000	53.533	-7.1	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.703	-5.4	109	0.00

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