

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
 Data File : VW031971.D
 Acq On : 01 Aug 2025 08:21
 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 01 23:06:09 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	57.106	-14.2	114	0.00
3 P	Chloromethane	50.000	57.631	-15.3	122	0.00
4 C	Vinyl Chloride	50.000	50.910	-1.8#	99	0.00
5 T	Bromomethane	50.000	55.049	-10.1	112	0.00
6 T	Chloroethane	50.000	54.684	-9.4	110	0.00
7 T	Trichlorofluoromethane	50.000	44.312	11.4	79	-0.01
8 T	Diethyl Ether	50.000	51.846	-3.7	108	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.402	-6.8	106	-0.02
10 T	Methyl Iodide	50.000	51.469	-2.9	104	0.00
11 T	Tert butyl alcohol	250.000	288.537	-15.4	114	0.00
12 CM	1,1-Dichloroethene	50.000	54.504	-9.0#	109	0.00
13 T	Acrolein	250.000	59.978	76.0#	31	-0.02
14 T	Allyl chloride	50.000	49.935	0.1	99	-0.01
15 T	Acrylonitrile	250.000	279.999	-12.0	111	0.00
16 T	Acetone	250.000	280.500	-12.2	117	-0.01
17 T	Carbon Disulfide	50.000	55.366	-10.7	109	0.00
18 T	Methyl Acetate	50.000	59.882	-19.8	120	-0.01
19 T	Methyl tert-butyl Ether	50.000	52.743	-5.5	104	0.00
20 T	Methylene Chloride	50.000	49.711	0.6	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.778	-7.6	106	-0.01
22 T	Diisopropyl ether	50.000	52.539	-5.1	102	0.00
23 T	Vinyl Acetate	250.000	270.216	-8.1	104	0.00
24 P	1,1-Dichloroethane	50.000	53.466	-6.9	106	-0.01
25 T	2-Butanone	250.000	280.867	-12.3	113	0.00
26 T	2,2-Dichloropropane	50.000	48.877	2.2	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.628	-7.3	104	0.00
28 T	Bromochloromethane	50.000	46.312	7.4	92	0.00
29 T	Tetrahydrofuran	250.000	284.086	-13.6	111	0.00
30 C	Chloroform	50.000	54.561	-9.1#	109	0.00
31 T	Cyclohexane	50.000	49.349	1.3	101	0.00
32 T	1,1,1-Trichloroethane	50.000	52.529	-5.1	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.660	0.7	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	53.665	-7.3	104	0.00
36 T	1,1-Dichloropropene	50.000	54.892	-9.8	105	0.00
37 T	Ethyl Acetate	50.000	55.082	-10.2	103	0.00
38 T	Carbon Tetrachloride	50.000	55.914	-11.8	106	0.00
39 T	Methylcyclohexane	50.000	53.874	-7.7	100	0.00
40 TM	Benzene	50.000	55.601	-11.2	105	0.00
41 T	Methacrylonitrile	50.000	54.466	-8.9	101	0.00
42 TM	1,2-Dichloroethane	50.000	56.094	-12.2	107	0.00
43 T	Isopropyl Acetate	50.000	56.007	-12.0	106	0.00
44 TM	Trichloroethene	50.000	54.659	-9.3	103	0.00
45 C	1,2-Dichloropropane	50.000	55.778	-11.6#	107	0.00
46 T	Dibromomethane	50.000	56.530	-13.1	107	0.00
47 T	Bromodichloromethane	50.000	57.492	-15.0	111	0.00
48 T	Methyl methacrylate	50.000	57.353	-14.7	107	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	1520.227	-52.0#	125	0.00
50 S	Toluene-d8	50.000	52.485	-5.0	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	294.645	-17.9	110	0.00
52 CM	Toluene	50.000	57.118	-14.2#	108	0.00
53 T	t-1,3-Dichloropropene	50.000	55.788	-11.6	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.169	-12.3	105	0.00
55 T	1,1,2-Trichloroethane	50.000	57.413	-14.8	109	0.00
56 T	Ethyl methacrylate	50.000	58.234	-16.5	106	0.00
57 T	1,3-Dichloropropane	50.000	57.096	-14.2	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.017	-0.4	93	0.00
59 T	2-Hexanone	250.000	293.457	-17.4	109	0.00
60 T	Dibromochloromethane	50.000	58.688	-17.4	111	0.00
61 T	1,2-Dibromoethane	50.000	56.140	-12.3	106	0.00
62 S	4-Bromofluorobenzene	50.000	50.153	-0.3	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	51.855	-3.7	104	0.00
65 PM	Chlorobenzene	50.000	53.387	-6.8	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.521	-15.0	114	0.00
67 C	Ethyl Benzene	50.000	55.092	-10.2#	105	0.00
68 T	m/p-Xylenes	100.000	110.164	-10.2	107	0.00
69 T	o-Xylene	50.000	55.646	-11.3	105	0.00
70 T	Styrene	50.000	57.041	-14.1	108	0.00
71 P	Bromoform	50.000	60.255	-20.5	113	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	53.083	-6.2	104	0.00
74 T	N-amyl acetate	50.000	54.340	-8.7	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.405	-10.8	111	0.00
76 T	1,2,3-Trichloropropane	50.000	53.061	-6.1	106	0.00
77 T	Bromobenzene	50.000	55.328	-10.7	114	0.00
78 T	n-propylbenzene	50.000	52.211	-4.4	104	0.00
79 T	2-Chlorotoluene	50.000	52.311	-4.6	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.683	-5.4	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.201	-10.4	110	0.00
82 T	4-Chlorotoluene	50.000	52.442	-4.9	106	0.00
83 T	tert-Butylbenzene	50.000	53.787	-7.6	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.090	-6.2	106	0.00
85 T	sec-Butylbenzene	50.000	51.317	-2.6	103	0.00
86 T	p-Isopropyltoluene	50.000	52.921	-5.8	106	0.00
87 T	1,3-Dichlorobenzene	50.000	52.377	-4.8	107	0.00
88 T	1,4-Dichlorobenzene	50.000	52.427	-4.9	110	0.00
89 T	n-Butylbenzene	50.000	52.221	-4.4	103	0.00
90 T	Hexachloroethane	50.000	54.161	-8.3	112	0.00
91 T	1,2-Dichlorobenzene	50.000	52.276	-4.6	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.947	-9.9	114	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.269	-6.5	113	0.00
94 T	Hexachlorobutadiene	50.000	51.438	-2.9	104	0.00
95 T	Naphthalene	50.000	55.201	-10.4	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.582	-7.2	108	0.00

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