

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
 Data File : VW032148.D
 Acq On : 28 Aug 2025 10:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 29 01:14:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 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	116	0.00
2 T	Dichlorodifluoromethane	50.000	45.050	9.9	110	0.00
3 P	Chloromethane	50.000	44.344	11.3	105	0.00
4 C	Vinyl Chloride	50.000	49.553	0.9#	116	0.00
5 T	Bromomethane	50.000	45.018	10.0	112	0.00
6 T	Chloroethane	50.000	46.681	6.6	108	0.00
7 T	Trichlorofluoromethane	50.000	46.834	6.3	100	0.00
8 T	Diethyl Ether	50.000	43.714	12.6	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.332	1.3	113	0.00
10 T	Methyl Iodide	50.000	50.468	-0.9	119	0.00
11 T	Tert butyl alcohol	250.000	221.456	11.4	102	-0.01
12 CM	1,1-Dichloroethene	50.000	50.010	-0.0#	114	0.00
13 T	Acrolein	250.000	211.532	15.4	99	0.00
14 T	Allyl chloride	50.000	51.063	-2.1	116	0.00
15 T	Acrylonitrile	250.000	233.347	6.7	107	-0.01
16 T	Acetone	250.000	249.276	0.3	114	0.00
17 T	Carbon Disulfide	50.000	51.263	-2.5	115	0.00
18 T	Methyl Acetate	50.000	45.759	8.5	101	0.00
19 T	Methyl tert-butyl Ether	50.000	49.744	0.5	109	0.00
20 T	Methylene Chloride	50.000	46.725	6.5	108	-0.02
21 T	trans-1,2-Dichloroethene	50.000	49.488	1.0	111	0.00
22 T	Diisopropyl ether	50.000	50.514	-1.0	112	0.00
23 T	Vinyl Acetate	250.000	247.817	0.9	108	0.00
24 P	1,1-Dichloroethane	50.000	49.184	1.6	111	0.00
25 T	2-Butanone	250.000	245.940	1.6	110	0.00
26 T	2,2-Dichloropropane	50.000	54.728	-9.5	118	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.162	1.7	111	0.00
28 T	Bromochloromethane	50.000	44.259	11.5	103	0.00
29 T	Tetrahydrofuran	250.000	232.297	7.1	105	0.00
30 C	Chloroform	50.000	48.299	3.4#	109	0.00
31 T	Cyclohexane	50.000	47.497	5.0	112	0.00
32 T	1,1,1-Trichloroethane	50.000	50.824	-1.6	114	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.142	13.7	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35 S	Dibromofluoromethane	50.000	47.247	5.5	104	0.00
36 T	1,1-Dichloropropene	50.000	54.221	-8.4	109	0.00
37 T	Ethyl Acetate	50.000	49.234	1.5	102	0.00
38 T	Carbon Tetrachloride	50.000	54.613	-9.2	110	-0.01
39 T	Methylcyclohexane	50.000	56.802	-13.6	112	0.00
40 TM	Benzene	50.000	52.327	-4.7	109	0.00
41 T	Methacrylonitrile	50.000	53.772	-7.5	116	0.00
42 TM	1,2-Dichloroethane	50.000	51.682	-3.4	108	0.00
43 T	Isopropyl Acetate	50.000	50.953	-1.9	104	0.00
44 TM	Trichloroethene	50.000	55.881	-11.8	119	0.00
45 C	1,2-Dichloropropane	50.000	51.779	-3.6#	107	0.00
46 T	Dibromomethane	50.000	50.896	-1.8	109	0.00
47 T	Bromodichloromethane	50.000	53.910	-7.8	111	0.00
48 T	Methyl methacrylate	50.000	52.214	-4.4	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1033.587	-3.4	107	0.00
50 S	Toluene-d8	50.000	48.945	2.1	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.550	-2.2	105	0.00
52 CM	Toluene	50.000	54.023	-8.0#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	54.971	-9.9	110	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.937	-9.9	110	0.00
55 T	1,1,2-Trichloroethane	50.000	51.295	-2.6	111	0.00
56 T	Ethyl methacrylate	50.000	54.444	-8.9	107	0.00
57 T	1,3-Dichloropropane	50.000	50.925	-1.8	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	257.197	-2.9	110	0.00
59 T	2-Hexanone	250.000	263.009	-5.2	107	0.00
60 T	Dibromochloromethane	50.000	52.995	-6.0	108	0.00
61 T	1,2-Dibromoethane	50.000	50.781	-1.6	104	0.00
62 S	4-Bromofluorobenzene	50.000	49.243	1.5	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64 T	Tetrachloroethene	50.000	52.443	-4.9	110	0.00
65 PM	Chlorobenzene	50.000	52.235	-4.5	113	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.609	-7.2	113	0.00
67 C	Ethyl Benzene	50.000	55.012	-10.0#	114	0.00
68 T	m/p-Xylenes	100.000	110.997	-11.0	113	0.00
69 T	o-Xylene	50.000	53.956	-7.9	110	0.00
70 T	Styrene	50.000	53.396	-6.8	109	0.00
71 P	Bromoform	50.000	52.565	-5.1	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	57.927	-15.9	110	0.00
74 T	N-amyl acetate	50.000	54.064	-8.1	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.253	-4.5	105	0.00
76 T	1,2,3-Trichloropropane	50.000	47.311	5.4	99	0.00
77 T	Bromobenzene	50.000	56.573	-13.1	110	0.00
78 T	n-propylbenzene	50.000	60.621	-21.2	117	0.00
79 T	2-Chlorotoluene	50.000	57.834	-15.7	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.625	-17.3	112	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.216	-14.4	109	0.00
82 T	4-Chlorotoluene	50.000	55.853	-11.7	107	0.00
83 T	tert-Butylbenzene	50.000	60.245	-20.5	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.083	-14.2	108	0.00
85 T	sec-Butylbenzene	50.000	59.586	-19.2	112	0.00
86 T	p-Isopropyltoluene	50.000	59.262	-18.5	111	0.00
87 T	1,3-Dichlorobenzene	50.000	54.946	-9.9	107	0.00
88 T	1,4-Dichlorobenzene	50.000	54.205	-8.4	110	0.00
89 T	n-Butylbenzene	50.000	60.471	-20.9	114	0.00
90 T	Hexachloroethane	50.000	57.256	-14.5	113	0.00
91 T	1,2-Dichlorobenzene	50.000	57.048	-14.1	120	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.749	-7.5	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.869	-15.7	112	0.00
94 T	Hexachlorobutadiene	50.000	53.755	-7.5	101	0.00
95 T	Naphthalene	50.000	57.381	-14.8	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.077	-12.2	113	0.00

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