

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100725\
 Data File : VW032376.D
 Acq On : 07 Oct 2025 14:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 08 03:20:45 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	51.594	-3.2	129	0.00
3 P	Chloromethane	50.000	43.961	12.1	107	0.00
4 C	Vinyl Chloride	50.000	48.476	3.0#	111	0.00
5 T	Bromomethane	50.000	46.655	6.7	109	0.00
6 T	Chloroethane	50.000	48.374	3.3	109	0.00
7 T	Trichlorofluoromethane	50.000	45.434	9.1	99	0.00
8 T	Diethyl Ether	50.000	48.441	3.1	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.088	3.8	113	0.00
10 T	Methyl Iodide	50.000	50.618	-1.2	114	-0.01
11 T	Tert butyl alcohol	250.000	200.679	19.7	95	0.00
12 CM	1,1-Dichloroethene	50.000	50.017	-0.0#	114	0.00
13 T	Acrolein	250.000	135.112	46.0#	63	0.00
14 T	Allyl chloride	50.000	47.824	4.4	105	0.00
15 T	Acrylonitrile	250.000	225.463	9.8	99	0.00
16 T	Acetone	250.000	176.291	29.5#	82	0.00
17 T	Carbon Disulfide	50.000	47.920	4.2	107	0.00
18 T	Methyl Acetate	50.000	43.573	12.9	85	0.00
19 T	Methyl tert-butyl Ether	50.000	49.270	1.5	107	0.00
20 T	Methylene Chloride	50.000	53.568	-7.1	118	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.128	1.7	109	0.00
22 T	Diisopropyl ether	50.000	48.619	2.8	107	0.00
23 T	Vinyl Acetate	250.000	242.762	2.9	107	0.00
24 P	1,1-Dichloroethane	50.000	48.871	2.3	109	0.00
25 T	2-Butanone	250.000	205.564	17.8	91	0.00
26 T	2,2-Dichloropropane	50.000	48.607	2.8	109	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.673	0.7	109	0.00
28 T	Bromochloromethane	50.000	47.554	4.9	103	0.00
29 T	Tetrahydrofuran	250.000	222.285	11.1	94	0.00
30 C	Chloroform	50.000	49.855	0.3#	111	0.00
31 T	Cyclohexane	50.000	45.849	8.3	109	0.00
32 T	1,1,1-Trichloroethane	50.000	50.105	-0.2	111	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.950	0.1	110	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	50.365	-0.7	110	0.00
36 T	1,1-Dichloropropene	50.000	50.566	-1.1	109	0.00
37 T	Ethyl Acetate	50.000	44.382	11.2	96	0.00
38 T	Carbon Tetrachloride	50.000	51.196	-2.4	113	0.00
39 T	Methylcyclohexane	50.000	51.749	-3.5	113	0.00
40 TM	Benzene	50.000	50.238	-0.5	110	0.00
41 T	Methacrylonitrile	50.000	50.867	-1.7	105	0.00
42 TM	1,2-Dichloroethane	50.000	49.484	1.0	108	0.00
43 T	Isopropyl Acetate	50.000	47.333	5.3	101	0.00
44 TM	Trichloroethene	50.000	50.746	-1.5	113	0.00
45 C	1,2-Dichloropropane	50.000	49.413	1.2#	107	0.00
46 T	Dibromomethane	50.000	49.223	1.6	106	0.00
47 T	Bromodichloromethane	50.000	51.327	-2.7	111	0.00
48 T	Methyl methacrylate	50.000	47.339	5.3	99	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	925.961	7.4	93	0.00
50 S	Toluene-d8	50.000	52.719	-5.4	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	229.390	8.2	95	0.00
52 CM	Toluene	50.000	51.205	-2.4#	110	0.00
53 T	t-1,3-Dichloropropene	50.000	50.324	-0.6	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.150	-2.3	109	0.00
55 T	1,1,2-Trichloroethane	50.000	49.369	1.3	107	0.00
56 T	Ethyl methacrylate	50.000	50.174	-0.3	104	0.00
57 T	1,3-Dichloropropane	50.000	49.539	0.9	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	263.069	-5.2	99	0.00
59 T	2-Hexanone	250.000	223.283	10.7	93	0.00
60 T	Dibromochloromethane	50.000	49.849	0.3	105	0.00
61 T	1,2-Dibromoethane	50.000	48.997	2.0	104	0.00
62 S	4-Bromofluorobenzene	50.000	52.623	-5.2	110	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	47.453	5.1	107	0.00
65 PM	Chlorobenzene	50.000	47.646	4.7	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.050	-0.1	114	0.00
67 C	Ethyl Benzene	50.000	51.360	-2.7#	114	0.00
68 T	m/p-Xylenes	100.000	101.173	-1.2	112	0.00
69 T	o-Xylene	50.000	51.856	-3.7	113	0.00
70 T	Styrene	50.000	50.798	-1.6	109	0.00
71 P	Bromoform	50.000	46.762	6.5	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	53.244	-6.5	114	0.00
74 T	N-amyl acetate	50.000	49.390	1.2	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.931	8.1	101	0.00
76 T	1,2,3-Trichloropropane	50.000	51.328	-2.7	117	0.00
77 T	Bromobenzene	50.000	49.827	0.3	105	0.00
78 T	n-propylbenzene	50.000	51.900	-3.8	113	0.00
79 T	2-Chlorotoluene	50.000	51.237	-2.5	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.946	-3.9	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.070	-0.1	101	0.00
82 T	4-Chlorotoluene	50.000	50.360	-0.7	110	0.00
83 T	tert-Butylbenzene	50.000	52.574	-5.1	113	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.200	-2.4	109	0.00
85 T	sec-Butylbenzene	50.000	51.803	-3.6	113	0.00
86 T	p-Isopropyltoluene	50.000	52.596	-5.2	113	0.00
87 T	1,3-Dichlorobenzene	50.000	49.502	1.0	108	0.00
88 T	1,4-Dichlorobenzene	50.000	47.383	5.2	107	0.00
89 T	n-Butylbenzene	50.000	53.403	-6.8	116	0.00
90 T	Hexachloroethane	50.000	50.780	-1.6	112	0.00
91 T	1,2-Dichlorobenzene	50.000	49.038	1.9	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.259	9.5	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.337	-0.7	114	0.00
94 T	Hexachlorobutadiene	50.000	49.230	1.5	118	0.00
95 T	Naphthalene	50.000	51.412	-2.8	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.776	4.4	105	0.00

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