

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032267.D
 Acq On : 26 Sep 2025 08:43
 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: Sep 27 04:30:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	45.576	8.8	111	0.00
3 P	Chloromethane	50.000	44.322	11.4	108	0.00
4 C	Vinyl Chloride	50.000	48.067	3.9#	107	0.00
5 T	Bromomethane	50.000	50.011	-0.0	112	0.00
6 T	Chloroethane	50.000	48.114	3.8	109	0.00
7 T	Trichlorofluoromethane	50.000	46.018	8.0	108	0.00
8 T	Diethyl Ether	50.000	48.826	2.3	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.823	2.4	107	0.00
10 T	Methyl Iodide	50.000	49.342	1.3	108	0.00
11 T	Tert butyl alcohol	250.000	265.562	-6.2	133	0.00
12 CM	1,1-Dichloroethene	50.000	49.337	1.3#	110	0.00
13 T	Acrolein	250.000	232.516	7.0	104	0.00
14 T	Allyl chloride	50.000	51.303	-2.6	112	0.00
15 T	Acrylonitrile	250.000	252.193	-0.9	118	0.00
16 T	Acetone	250.000	293.532	-17.4	151	0.00
17 T	Carbon Disulfide	50.000	48.865	2.3	110	0.00
18 T	Methyl Acetate	50.000	56.380	-12.8	111	0.00
19 T	Methyl tert-butyl Ether	50.000	53.259	-6.5	114	0.00
20 T	Methylene Chloride	50.000	51.435	-2.9	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.239	1.5	108	0.00
22 T	Diisopropyl ether	50.000	51.674	-3.3	110	0.00
23 T	Vinyl Acetate	250.000	255.497	-2.2	115	0.00
24 P	1,1-Dichloroethane	50.000	48.739	2.5	106	0.00
25 T	2-Butanone	250.000	274.343	-9.7	128	0.00
26 T	2,2-Dichloropropane	50.000	50.540	-1.1	112	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.422	1.2	107	0.00
28 T	Bromochloromethane	50.000	47.894	4.2	104	0.00
29 T	Tetrahydrofuran	250.000	256.896	-2.8	118	0.00
30 C	Chloroform	50.000	49.446	1.1#	108	0.00
31 T	Cyclohexane	50.000	47.339	5.3	110	0.00
32 T	1,1,1-Trichloroethane	50.000	49.916	0.2	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.856	8.3	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	47.413	5.2	103	0.00
36 T	1,1-Dichloropropene	50.000	51.207	-2.4	107	0.00
37 T	Ethyl Acetate	50.000	52.286	-4.6	117	0.00
38 T	Carbon Tetrachloride	50.000	52.620	-5.2	112	0.00
39 T	Methylcyclohexane	50.000	52.366	-4.7	108	0.00
40 TM	Benzene	50.000	50.718	-1.4	107	0.00
41 T	Methacrylonitrile	50.000	53.104	-6.2	116	0.00
42 TM	1,2-Dichloroethane	50.000	49.441	1.1	108	0.00
43 T	Isopropyl Acetate	50.000	52.858	-5.7	116	0.00
44 TM	Trichloroethene	50.000	49.641	0.7	107	0.00
45 C	1,2-Dichloropropane	50.000	51.180	-2.4#	108	0.00
46 T	Dibromomethane	50.000	51.498	-3.0	112	0.00
47 T	Bromodichloromethane	50.000	51.267	-2.5	107	0.00
48 T	Methyl methacrylate	50.000	54.975	-10.0	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1081.815	-8.2	113	0.00
50 S	Toluene-d8	50.000	47.526	4.9	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.913	-6.8	118	0.00
52 CM	Toluene	50.000	50.245	-0.5#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	54.570	-9.1	114	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.737	-7.5	112	0.00
55 T	1,1,2-Trichloroethane	50.000	50.952	-1.9	112	0.00
56 T	Ethyl methacrylate	50.000	55.192	-10.4	115	0.00
57 T	1,3-Dichloropropane	50.000	51.235	-2.5	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	283.551	-13.4	113	0.00
59 T	2-Hexanone	250.000	280.431	-12.2	122	0.00
60 T	Dibromochloromethane	50.000	52.698	-5.4	109	0.00
61 T	1,2-Dibromoethane	50.000	51.758	-3.5	111	0.00
62 S	4-Bromofluorobenzene	50.000	48.917	2.2	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	50.781	-1.6	104	0.00
65 PM	Chlorobenzene	50.000	51.224	-2.4	106	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.879	-5.8	109	0.00
67 C	Ethyl Benzene	50.000	53.548	-7.1#	109	0.00
68 T	m/p-Xylenes	100.000	105.367	-5.4	107	0.00
69 T	o-Xylene	50.000	52.914	-5.8	104	0.00
70 T	Styrene	50.000	54.832	-9.7	106	0.00
71 P	Bromoform	50.000	50.796	-1.6	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	52.083	-4.2	105	0.00
74 T	N-amyl acetate	50.000	53.325	-6.7	116	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.585	-1.2	112	0.00
76 T	1,2,3-Trichloropropane	50.000	48.290	3.4	107	0.00
77 T	Bromobenzene	50.000	49.739	0.5	99	0.00
78 T	n-propylbenzene	50.000	51.938	-3.9	104	0.00
79 T	2-Chlorotoluene	50.000	51.255	-2.5	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.412	-4.8	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.397	-10.8	116	0.00
82 T	4-Chlorotoluene	50.000	51.786	-3.6	106	0.00
83 T	tert-Butylbenzene	50.000	54.015	-8.0	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.733	-5.5	107	0.00
85 T	sec-Butylbenzene	50.000	52.732	-5.5	106	0.00
86 T	p-Isopropyltoluene	50.000	53.306	-6.6	104	0.00
87 T	1,3-Dichlorobenzene	50.000	49.634	0.7	104	0.00
88 T	1,4-Dichlorobenzene	50.000	51.309	-2.6	114	0.00
89 T	n-Butylbenzene	50.000	52.305	-4.6	105	0.00
90 T	Hexachloroethane	50.000	53.334	-6.7	114	0.00
91 T	1,2-Dichlorobenzene	50.000	51.359	-2.7	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.007	-0.0	116	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.725	-3.5	108	0.00
94 T	Hexachlorobutadiene	50.000	49.349	1.3	116	0.00
95 T	Naphthalene	50.000	54.183	-8.4	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.266	-6.5	112	0.00

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