

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
 Data File : VW032468.D
 Acq On : 18 Nov 2025 09:46
 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: Nov 19 00:21:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 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	76	-0.01
2 T	Dichlorodifluoromethane	50.000	48.607	2.8	76	0.00
3 P	Chloromethane	50.000	47.110	5.8	77	0.00
4 C	Vinyl Chloride	50.000	52.184	-4.4#	81	0.00
5 T	Bromomethane	50.000	51.066	-2.1	80	0.00
6 T	Chloroethane	50.000	52.926	-5.9	82	0.00
7 T	Trichlorofluoromethane	50.000	51.754	-3.5	74	0.00
8 T	Diethyl Ether	50.000	52.407	-4.8	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.485	-5.0	80	0.00
10 T	Methyl Iodide	50.000	51.060	-2.1	79	0.00
11 T	Tert butyl alcohol	250.000	248.678	0.5	79	0.00
12 CM	1,1-Dichloroethene	50.000	51.072	-2.1#	78	0.00
13 T	Acrolein	250.000	178.551	28.6#	57	0.00
14 T	Allyl chloride	50.000	52.086	-4.2	79	0.00
15 T	Acrylonitrile	250.000	270.151	-8.1	83	-0.01
16 T	Acetone	250.000	269.586	-7.8	85	0.00
17 T	Carbon Disulfide	50.000	51.141	-2.3	77	0.00
18 T	Methyl Acetate	50.000	56.960	-13.9	90	0.00
19 T	Methyl tert-butyl Ether	50.000	52.954	-5.9	80	0.00
20 T	Methylene Chloride	50.000	51.045	-2.1	84	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.075	-4.2	81	-0.01
22 T	Diisopropyl ether	50.000	53.434	-6.9	82	0.00
23 T	Vinyl Acetate	250.000	267.258	-6.9	81	0.00
24 P	1,1-Dichloroethane	50.000	53.504	-7.0	82	0.00
25 T	2-Butanone	250.000	260.631	-4.3	81	0.00
26 T	2,2-Dichloropropane	50.000	50.697	-1.4	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.655	-5.3	81	0.00
28 T	Bromochloromethane	50.000	53.942	-7.9	89	0.00
29 T	Tetrahydrofuran	250.000	275.981	-10.4	84	0.00
30 C	Chloroform	50.000	53.723	-7.4#	84	0.00
31 T	Cyclohexane	50.000	49.303	1.4	78	0.00
32 T	1,1,1-Trichloroethane	50.000	52.833	-5.7	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.889	-7.8	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35 S	Dibromofluoromethane	50.000	51.708	-3.4	85	0.00
36 T	1,1-Dichloropropene	50.000	53.484	-7.0	82	0.00
37 T	Ethyl Acetate	50.000	55.329	-10.7	85	0.00
38 T	Carbon Tetrachloride	50.000	53.299	-6.6	83	0.00
39 T	Methylcyclohexane	50.000	51.586	-3.2	78	0.00
40 TM	Benzene	50.000	52.949	-5.9	82	0.00
41 T	Methacrylonitrile	50.000	57.095	-14.2	87	0.00
42 TM	1,2-Dichloroethane	50.000	54.944	-9.9	86	0.00
43 T	Isopropyl Acetate	50.000	53.613	-7.2	81	0.00
44 TM	Trichloroethene	50.000	51.355	-2.7	80	0.00
45 C	1,2-Dichloropropane	50.000	53.782	-7.6#	84	0.00
46 T	Dibromomethane	50.000	53.541	-7.1	83	0.00
47 T	Bromodichloromethane	50.000	53.168	-6.3	82	0.00
48 T	Methyl methacrylate	50.000	52.642	-5.3	76	0.00

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

49 T	1,4-Dioxane	1000.000	1084.124	-8.4	81	0.00
50 S	Toluene-d8	50.000	52.103	-4.2	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	280.288	-12.1	84	0.00
52 CM	Toluene	50.000	53.044	-6.1#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	53.109	-6.2	81	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.482	-7.0	82	0.00
55 T	1,1,2-Trichloroethane	50.000	53.814	-7.6	82	0.00
56 T	Ethyl methacrylate	50.000	53.628	-7.3	80	0.00
57 T	1,3-Dichloropropane	50.000	54.374	-8.7	83	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	269.175	-7.7	87	0.00
59 T	2-Hexanone	250.000	271.260	-8.5	82	0.00
60 T	Dibromochloromethane	50.000	54.705	-9.4	85	0.00
61 T	1,2-Dibromoethane	50.000	52.728	-5.5	82	0.00
62 S	4-Bromofluorobenzene	50.000	52.705	-5.4	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	51.177	-2.4	82	0.00
65 PM	Chlorobenzene	50.000	52.797	-5.6	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.606	-3.2	83	0.00
67 C	Ethyl Benzene	50.000	52.053	-4.1#	81	0.00
68 T	m/p-Xylenes	100.000	104.685	-4.7	81	0.00
69 T	o-Xylene	50.000	51.736	-3.5	83	0.00
70 T	Styrene	50.000	54.163	-8.3	84	0.00
71 P	Bromoform	50.000	51.441	-2.9	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73 T	Isopropylbenzene	50.000	51.031	-2.1	80	0.00
74 T	N-amyl acetate	50.000	52.531	-5.1	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.204	-6.4	85	0.00
76 T	1,2,3-Trichloropropane	50.000	48.214	3.6	83	0.00
77 T	Bromobenzene	50.000	50.156	-0.3	78	0.00
78 T	n-propylbenzene	50.000	52.197	-4.4	82	0.00
79 T	2-Chlorotoluene	50.000	51.870	-3.7	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.383	-2.8	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.849	-5.7	81	0.00
82 T	4-Chlorotoluene	50.000	52.044	-4.1	83	0.00
83 T	tert-Butylbenzene	50.000	50.819	-1.6	79	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.198	-2.4	81	0.00
85 T	sec-Butylbenzene	50.000	51.542	-3.1	81	0.00
86 T	p-Isopropyltoluene	50.000	50.982	-2.0	81	0.00
87 T	1,3-Dichlorobenzene	50.000	51.971	-3.9	84	0.00
88 T	1,4-Dichlorobenzene	50.000	50.052	-0.1	81	0.00
89 T	n-Butylbenzene	50.000	50.342	-0.7	80	0.00
90 T	Hexachloroethane	50.000	50.539	-1.1	80	0.00
91 T	1,2-Dichlorobenzene	50.000	52.805	-5.6	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.729	-3.5	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.459	5.1	75	0.00
94 T	Hexachlorobutadiene	50.000	50.900	-1.8	82	0.00
95 T	Naphthalene	50.000	50.499	-1.0	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.597	2.8	80	0.00

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