

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112125\
 Data File : VW032520.D
 Acq On : 21 Nov 2025 10:53
 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 26 01:18:40 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	69	0.00
2 T	Dichlorodifluoromethane	50.000	51.205	-2.4	72	0.00
3 P	Chloromethane	50.000	53.061	-6.1	78	0.00
4 C	Vinyl Chloride	50.000	51.314	-2.6#	72	0.00
5 T	Bromomethane	50.000	52.664	-5.3	75	0.00
6 T	Chloroethane	50.000	53.086	-6.2	74	0.00
7 T	Trichlorofluoromethane	50.000	49.573	0.9	64	0.00
8 T	Diethyl Ether	50.000	53.100	-6.2	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.620	-5.2	73	0.00
10 T	Methyl Iodide	50.000	51.812	-3.6	73	0.00
11 T	Tert butyl alcohol	250.000	239.606	4.2	69	0.00
12 CM	1,1-Dichloroethene	50.000	52.921	-5.8#	73	0.00
13 T	Acrolein	250.000	140.441	43.8#	40	0.00
14 T	Allyl chloride	50.000	52.754	-5.5	72	0.00
15 T	Acrylonitrile	250.000	278.913	-11.6	77	0.00
16 T	Acetone	250.000	261.783	-4.7	75	0.00
17 T	Carbon Disulfide	50.000	50.816	-1.6	69	0.00
18 T	Methyl Acetate	50.000	63.849	-27.7#	91	0.00
19 T	Methyl tert-butyl Ether	50.000	52.962	-5.9	73	0.01
20 T	Methylene Chloride	50.000	53.220	-6.4	79	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.956	-7.9	76	0.00
22 T	Diisopropyl ether	50.000	55.635	-11.3	77	0.00
23 T	Vinyl Acetate	250.000	269.048	-7.6	73	0.00
24 P	1,1-Dichloroethane	50.000	56.789	-13.6	79	0.00
25 T	2-Butanone	250.000	268.851	-7.5	75	0.00
26 T	2,2-Dichloropropane	50.000	49.991	0.0	72	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.134	-10.3	77	0.00
28 T	Bromochloromethane	50.000	58.814	-17.6	88	0.00
29 T	Tetrahydrofuran	250.000	280.819	-12.3	77	0.00
30 C	Chloroform	50.000	57.905	-15.8#	81	0.00
31 T	Cyclohexane	50.000	50.690	-1.4	73	0.00
32 T	1,1,1-Trichloroethane	50.000	53.766	-7.5	73	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.907	-13.8	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	55.543	-11.1	84	0.00
36 T	1,1-Dichloropropene	50.000	54.374	-8.7	76	0.00
37 T	Ethyl Acetate	50.000	54.219	-8.4	76	0.00
38 T	Carbon Tetrachloride	50.000	52.569	-5.1	75	0.00
39 T	Methylcyclohexane	50.000	51.145	-2.3	71	0.00
40 TM	Benzene	50.000	54.536	-9.1	78	0.00
41 T	Methacrylonitrile	50.000	53.608	-7.2	75	0.00
42 TM	1,2-Dichloroethane	50.000	56.047	-12.1	81	0.00
43 T	Isopropyl Acetate	50.000	53.508	-7.0	75	0.00
44 TM	Trichloroethene	50.000	52.375	-4.8	75	0.00
45 C	1,2-Dichloropropane	50.000	56.427	-12.9#	81	0.00
46 T	Dibromomethane	50.000	54.937	-9.9	78	0.00
47 T	Bromodichloromethane	50.000	55.469	-10.9	79	0.00
48 T	Methyl methacrylate	50.000	52.290	-4.6	69	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	1091.111	-9.1	75	0.00
50 S	Toluene-d8	50.000	55.106	-10.2	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	285.806	-14.3	79	0.00
52 CM	Toluene	50.000	54.312	-8.6#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	54.403	-8.8	76	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.718	-9.4	77	0.00
55 T	1,1,2-Trichloroethane	50.000	55.269	-10.5	78	0.00
56 T	Ethyl methacrylate	50.000	53.590	-7.2	74	0.00
57 T	1,3-Dichloropropane	50.000	56.073	-12.1	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	279.832	-11.9	83	0.00
59 T	2-Hexanone	250.000	274.613	-9.8	77	0.00
60 T	Dibromochloromethane	50.000	54.924	-9.8	79	0.00
61 T	1,2-Dibromoethane	50.000	54.614	-9.2	78	0.00
62 S	4-Bromofluorobenzene	50.000	54.548	-9.1	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	51.361	-2.7	78	0.00
65 PM	Chlorobenzene	50.000	51.998	-4.0	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.738	-5.5	80	0.00
67 C	Ethyl Benzene	50.000	52.442	-4.9#	77	0.00
68 T	m/p-Xylenes	100.000	106.470	-6.5	78	0.00
69 T	o-Xylene	50.000	52.234	-4.5	79	0.00
70 T	Styrene	50.000	53.954	-7.9	79	0.00
71 P	Bromoform	50.000	51.272	-2.5	77	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	53.104	-6.2	75	0.00
74 T	N-amyl acetate	50.000	53.433	-6.9	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.500	-13.0	82	0.00
76 T	1,2,3-Trichloropropane	50.000	51.603	-3.2	81	0.00
77 T	Bromobenzene	50.000	54.356	-8.7	77	0.00
78 T	n-propylbenzene	50.000	54.328	-8.7	77	0.00
79 T	2-Chlorotoluene	50.000	54.769	-9.5	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.353	-10.7	79	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.932	-9.9	77	0.00
82 T	4-Chlorotoluene	50.000	54.889	-9.8	80	0.00
83 T	tert-Butylbenzene	50.000	52.965	-5.9	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.245	-10.5	79	0.00
85 T	sec-Butylbenzene	50.000	52.483	-5.0	75	0.00
86 T	p-Isopropyltoluene	50.000	53.581	-7.2	78	0.00
87 T	1,3-Dichlorobenzene	50.000	55.834	-11.7	82	0.00
88 T	1,4-Dichlorobenzene	50.000	53.025	-6.0	78	0.00
89 T	n-Butylbenzene	50.000	53.496	-7.0	77	0.00
90 T	Hexachloroethane	50.000	51.830	-3.7	75	0.00
91 T	1,2-Dichlorobenzene	50.000	54.090	-8.2	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.649	-7.3	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.150	-6.3	76	0.00
94 T	Hexachlorobutadiene	50.000	55.141	-10.3	80	0.00
95 T	Naphthalene	50.000	53.392	-6.8	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.961	-3.9	77	0.00

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