

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032378.D
 Acq On : 20 Oct 2025 10:20
 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: Oct 21 01:22:37 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	49.525	1.0	112	0.00
3 P	Chloromethane	50.000	47.414	5.2	105	0.00
4 C	Vinyl Chloride	50.000	52.579	-5.2#	110	0.00
5 T	Bromomethane	50.000	52.244	-4.5	111	0.00
6 T	Chloroethane	50.000	54.521	-9.0	112	0.00
7 T	Trichlorofluoromethane	50.000	57.903	-15.8	114	0.00
8 T	Diethyl Ether	50.000	53.538	-7.1	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.231	-8.5	116	0.00
10 T	Methyl Iodide	50.000	56.977	-14.0	116	0.00
11 T	Tert butyl alcohol	250.000	212.423	15.0	91	0.00
12 CM	1,1-Dichloroethene	50.000	55.494	-11.0#	115	0.00
13 T	Acrolein	250.000	87.232	65.1#	37	0.00
14 T	Allyl chloride	50.000	53.572	-7.1	107	0.00
15 T	Acrylonitrile	250.000	257.055	-2.8	102	0.00
16 T	Acetone	250.000	242.037	3.2	102	0.00
17 T	Carbon Disulfide	50.000	55.631	-11.3	113	0.00
18 T	Methyl Acetate	50.000	56.056	-12.1	99	0.00
19 T	Methyl tert-butyl Ether	50.000	53.964	-7.9	107	0.00
20 T	Methylene Chloride	50.000	54.562	-9.1	109	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.946	-11.9	113	0.00
22 T	Diisopropyl ether	50.000	55.352	-10.7	110	0.00
23 T	Vinyl Acetate	250.000	265.367	-6.1	107	0.00
24 P	1,1-Dichloroethane	50.000	54.958	-9.9	112	0.00
25 T	2-Butanone	250.000	250.876	-0.4	101	0.00
26 T	2,2-Dichloropropane	50.000	56.907	-13.8	116	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.730	-9.5	109	0.00
28 T	Bromochloromethane	50.000	53.869	-7.7	106	0.00
29 T	Tetrahydrofuran	250.000	259.216	-3.7	100	0.00
30 C	Chloroform	50.000	56.448	-12.9#	115	0.00
31 T	Cyclohexane	50.000	50.212	-0.4	108	0.00
32 T	1,1,1-Trichloroethane	50.000	56.749	-13.5	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.924	-1.8	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	53.598	-7.2	107	0.00
36 T	1,1-Dichloropropene	50.000	56.099	-12.2	110	0.00
37 T	Ethyl Acetate	50.000	51.178	-2.4	101	0.00
38 T	Carbon Tetrachloride	50.000	58.585	-17.2	118	0.00
39 T	Methylcyclohexane	50.000	53.803	-7.6	107	0.00
40 TM	Benzene	50.000	55.818	-11.6	112	0.00
41 T	Methacrylonitrile	50.000	54.317	-8.6	103	0.00
42 TM	1,2-Dichloroethane	50.000	54.972	-9.9	110	0.00
43 T	Isopropyl Acetate	50.000	54.722	-9.4	107	0.00
44 TM	Trichloroethene	50.000	54.492	-9.0	111	0.00
45 C	1,2-Dichloropropane	50.000	56.170	-12.3#	111	0.00
46 T	Dibromomethane	50.000	56.022	-12.0	110	0.00
47 T	Bromodichloromethane	50.000	59.385	-18.8	117	0.00
48 T	Methyl methacrylate	50.000	52.640	-5.3	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1099.123	-9.9	101	0.00
50 S	Toluene-d8	50.000	53.480	-7.0	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	275.041	-10.0	104	0.00
52 CM	Toluene	50.000	57.552	-15.1#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	57.719	-15.4	111	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.231	-14.5	111	0.00
55 T	1,1,2-Trichloroethane	50.000	57.233	-14.5	113	0.00
56 T	Ethyl methacrylate	50.000	56.352	-12.7	107	0.00
57 T	1,3-Dichloropropane	50.000	55.655	-11.3	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	287.576	-15.0	98	0.00
59 T	2-Hexanone	250.000	276.684	-10.7	105	0.00
60 T	Dibromochloromethane	50.000	61.883	-23.8	119	0.00
61 T	1,2-Dibromoethane	50.000	55.617	-11.2	108	0.00
62 S	4-Bromofluorobenzene	50.000	52.021	-4.0	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	52.663	-5.3	108	0.00
65 PM	Chlorobenzene	50.000	53.221	-6.4	109	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.904	-17.8	122	0.00
67 C	Ethyl Benzene	50.000	56.174	-12.3#	113	0.00
68 T	m/p-Xylenes	100.000	112.736	-12.7	114	0.00
69 T	o-Xylene	50.000	55.988	-12.0	111	0.00
70 T	Styrene	50.000	58.262	-16.5	114	0.00
71 P	Bromoform	50.000	61.560	-23.1	122	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	54.560	-9.1	112	0.00
74 T	N-ethyl acetate	50.000	51.189	-2.4	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.119	-2.2	108	0.00
76 T	1,2,3-Trichloropropane	50.000	49.739	0.5	108	0.00
77 T	Bromobenzene	50.000	53.907	-7.8	109	0.00
78 T	n-propylbenzene	50.000	54.462	-8.9	114	0.00
79 T	2-Chlorotoluene	50.000	53.203	-6.4	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.209	-8.4	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.667	-15.3	112	0.00
82 T	4-Chlorotoluene	50.000	54.437	-8.9	114	0.00
83 T	tert-Butylbenzene	50.000	56.237	-12.5	116	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.602	-9.2	111	0.00
85 T	sec-Butylbenzene	50.000	53.756	-7.5	112	0.00
86 T	p-Isopropyltoluene	50.000	55.381	-10.8	114	0.00
87 T	1,3-Dichlorobenzene	50.000	52.884	-5.8	111	0.00
88 T	1,4-Dichlorobenzene	50.000	54.068	-8.1	117	0.00
89 T	n-Butylbenzene	50.000	53.414	-6.8	111	0.00
90 T	Hexachloroethane	50.000	59.535	-19.1	126	0.00
91 T	1,2-Dichlorobenzene	50.000	53.150	-6.3	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.021	-6.0	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.878	-5.8	115	0.00
94 T	Hexachlorobutadiene	50.000	54.498	-9.0	125	0.00
95 T	Naphthalene	50.000	53.140	-6.3	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.854	-5.7	112	0.00

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