

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121225\
 Data File : VW032647.D
 Acq On : 12 Dec 2025 14:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 13 00:07:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	57.230	-14.5	128	0.00
3 P	Chloromethane	50.000	51.645	-3.3	123	0.00
4 C	Vinyl Chloride	50.000	57.569	-15.1#	127	0.00
5 T	Bromomethane	50.000	56.811	-13.6	126	0.00
6 T	Chloroethane	50.000	58.403	-16.8	127	0.00
7 T	Trichlorofluoromethane	50.000	54.981	-10.0	117	0.00
8 T	Diethyl Ether	50.000	55.475	-11.0	125	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.461	-14.9	126	0.00
10 T	Methyl Iodide	50.000	58.681	-17.4	124	0.00
11 T	Tert butyl alcohol	250.000	246.098	1.6	121	0.00
12 CM	1,1-Dichloroethene	50.000	59.459	-18.9#	129	0.00
13 T	Acrolein	250.000	128.707	48.5#	47	0.00
14 T	Allyl chloride	50.000	56.981	-14.0	122	0.00
15 T	Acrylonitrile	250.000	274.601	-9.8	125	0.00
16 T	Acetone	250.000	245.266	1.9	125	0.00
17 T	Carbon Disulfide	50.000	55.940	-11.9	121	0.00
18 T	Methyl Acetate	50.000	55.523	-11.0	125	0.00
19 T	Methyl tert-butyl Ether	50.000	58.934	-17.9	124	0.00
20 T	Methylene Chloride	50.000	52.376	-4.8	124	0.00
21 T	trans-1,2-Dichloroethene	50.000	57.403	-14.8	125	0.00
22 T	Diisopropyl ether	50.000	58.816	-17.6	122	0.00
23 T	Vinyl Acetate	250.000	288.148	-15.3	123	0.00
24 P	1,1-Dichloroethane	50.000	57.263	-14.5	124	0.00
25 T	2-Butanone	250.000	263.040	-5.2	124	0.00
26 T	2,2-Dichloropropane	50.000	56.236	-12.5	118	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.965	-17.9	125	0.00
28 T	Bromochloromethane	50.000	50.398	-0.8	97	0.00
29 T	Tetrahydrofuran	250.000	271.097	-8.4	124	0.00
30 C	Chloroform	50.000	57.316	-14.6#	123	0.00
31 T	Cyclohexane	50.000	54.279	-8.6	121	0.00
32 T	1,1,1-Trichloroethane	50.000	57.796	-15.6	122	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.388	7.2	114	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	48.213	3.6	116	0.00
36 T	1,1-Dichloropropene	50.000	60.129	-20.3	124	0.00
37 T	Ethyl Acetate	50.000	59.041	-18.1	128	0.00
38 T	Carbon Tetrachloride	50.000	58.606	-17.2	121	0.00
39 T	Methylcyclohexane	50.000	59.749	-19.5	119	0.00
40 TM	Benzene	50.000	60.156	-20.3	125	0.00
41 T	Methacrylonitrile	50.000	62.749	-25.5#	131	0.00
42 TM	1,2-Dichloroethane	50.000	58.629	-17.3	123	0.00
43 T	Isopropyl Acetate	50.000	57.651	-15.3	125	0.00
44 TM	Trichloroethene	50.000	59.579	-19.2	124	0.00
45 C	1,2-Dichloropropane	50.000	60.422	-20.8#	125	0.00
46 T	Dibromomethane	50.000	59.185	-18.4	124	0.00
47 T	Bromodichloromethane	50.000	60.933	-21.9	126	0.00
48 T	Methyl methacrylate	50.000	56.535	-13.1	124	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1084.542	-8.5	125	0.00
50 S	Toluene-d8	50.000	50.630	-1.3	112	0.00
51 T	4-Methyl-2-Pentanone	250.000	291.914	-16.8	128	0.00
52 CM	Toluene	50.000	60.660	-21.3#	123	0.00
53 T	t-1,3-Dichloropropene	50.000	61.425	-22.8	125	0.00
54 T	cis-1,3-Dichloropropene	50.000	60.286	-20.6	123	0.00
55 T	1,1,2-Trichloroethane	50.000	60.000	-20.0	128	0.00
56 T	Ethyl methacrylate	50.000	59.698	-19.4	123	0.00
57 T	1,3-Dichloropropane	50.000	59.058	-18.1	122	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	352.141	-40.9#	154	0.00
59 T	2-Hexanone	250.000	288.138	-15.3	126	0.00
60 T	Dibromochloromethane	50.000	61.812	-23.6	126	0.00
61 T	1,2-Dibromoethane	50.000	57.700	-15.4	119	0.00
62 S	4-Bromofluorobenzene	50.000	50.226	-0.5	114	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	64.082	-28.2#	136	0.00
65 PM	Chlorobenzene	50.000	62.198	-24.4	126	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	64.114	-28.2#	123	0.00
67 C	Ethyl Benzene	50.000	64.402	-28.8#	124	0.00
68 T	m/p-Xylenes	100.000	127.726	-27.7#	123	0.00
69 T	o-Xylene	50.000	63.449	-26.9#	121	0.00
70 T	Styrene	50.000	63.998	-28.0#	123	0.00
71 P	Bromoform	50.000	62.344	-24.7	130	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	61.513	-23.0	122	0.00
74 T	N-ethyl acetate	50.000	58.394	-16.8	124	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.889	-15.8	125	0.00
76 T	1,2,3-Trichloropropane	50.000	58.950	-17.9	128	0.00
77 T	Bromobenzene	50.000	60.110	-20.2	129	0.00
78 T	n-propylbenzene	50.000	61.409	-22.8	123	0.00
79 T	2-Chlorotoluene	50.000	60.043	-20.1	122	0.00
80 T	1,3,5-Trimethylbenzene	50.000	61.526	-23.1	124	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	64.658	-29.3#	129	0.00
82 T	4-Chlorotoluene	50.000	59.533	-19.1	125	0.00
83 T	tert-Butylbenzene	50.000	62.019	-24.0	124	0.00
84 T	1,2,4-Trimethylbenzene	50.000	59.662	-19.3	119	0.00
85 T	sec-Butylbenzene	50.000	59.003	-18.0	120	0.00
86 T	p-Isopropyltoluene	50.000	60.785	-21.6	123	0.00
87 T	1,3-Dichlorobenzene	50.000	60.122	-20.2	125	0.00
88 T	1,4-Dichlorobenzene	50.000	57.730	-15.5	120	0.00
89 T	n-Butylbenzene	50.000	60.512	-21.0	124	0.00
90 T	Hexachloroethane	50.000	58.884	-17.8	120	0.00
91 T	1,2-Dichlorobenzene	50.000	55.647	-11.3	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.095	-10.2	126	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.308	-14.6	119	0.00
94 T	Hexachlorobutadiene	50.000	55.252	-10.5	113	0.00
95 T	Naphthalene	50.000	64.533	-29.1#	124	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.914	-13.8	118	0.00

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