

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032135.D
 Acq On : 25 Aug 2025 15:38
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082525

Quant Time: Aug 26 04:44:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082525S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 04:26:40 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	79	0.00
2 T	Dichlorodifluoromethane	50.000	49.931	0.1	99	0.00
3 P	Chloromethane	50.000	58.413	-16.8	104	0.00
4 C	Vinyl Chloride	50.000	58.202	-16.4#	104	0.00
5 T	Bromomethane	50.000	57.627	-15.3	104	0.00
6 T	Chloroethane	50.000	59.716	-19.4	104	0.00
7 T	Trichlorofluoromethane	50.000	56.443	-12.9	103	0.00
8 T	Diethyl Ether	50.000	59.815	-19.6	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.260	-12.5	104	0.00
10 T	Methyl Iodide	50.000	60.904	-21.8	101	0.00
11 T	Tert butyl alcohol	250.000	323.865	-29.5#	116	0.00
12 CM	1,1-Dichloroethene	50.000	59.843	-19.7#	100	0.00
13 T	Acrolein	250.000	198.140	20.7	97	0.00
14 T	Allyl chloride	50.000	64.126	-28.3#	105	0.00
15 T	Acrylonitrile	250.000	324.698	-29.9#	111	0.00
16 T	Acetone	250.000	288.785	-15.5	104	0.00
17 T	Carbon Disulfide	50.000	60.645	-21.3	101	0.00
18 T	Methyl Acetate	50.000	66.400	-32.8#	108	0.00
19 T	Methyl tert-butyl Ether	50.000	65.034	-30.1#	107	0.00
20 T	Methylene Chloride	50.000	56.406	-12.8	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	63.804	-27.6#	104	0.00
22 T	Diisopropyl ether	50.000	63.746	-27.5#	103	0.00
23 T	Vinyl Acetate	250.000	323.903	-29.6#	106	0.00
24 P	1,1-Dichloroethane	50.000	62.800	-25.6#	103	0.00
25 T	2-Butanone	250.000	309.878	-24.0	106	0.00
26 T	2,2-Dichloropropane	50.000	63.152	-26.3#	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	63.449	-26.9#	102	0.00
28 T	Bromochloromethane	50.000	62.827	-25.7#	100	0.00
29 T	Tetrahydrofuran	250.000	319.827	-27.9#	108	0.00
30 C	Chloroform	50.000	62.733	-25.5#	102	0.00
31 T	Cyclohexane	50.000	53.706	-7.4	101	0.00
32 T	1,1,1-Trichloroethane	50.000	62.337	-24.7	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.795	-17.6	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35 S	Dibromofluoromethane	50.000	62.459	-24.9	92	0.00
36 T	1,1-Dichloropropene	50.000	64.052	-28.1#	104	0.00
37 T	Ethyl Acetate	50.000	64.447	-28.9#	106	0.00
38 T	Carbon Tetrachloride	50.000	62.732	-25.5#	100	0.00
39 T	Methylcyclohexane	50.000	61.036	-22.1	100	0.00
40 TM	Benzene	50.000	65.574	-31.1#	104	0.00
41 T	Methacrylonitrile	50.000	72.805	-45.6#	121	0.00
42 TM	1,2-Dichloroethane	50.000	64.837	-29.7#	105	0.00
43 T	Isopropyl Acetate	50.000	66.875	-33.8#	109	0.00
44 TM	Trichloroethene	50.000	65.532	-31.1#	102	0.00
45 C	1,2-Dichloropropane	50.000	64.839	-29.7#	105	0.00
46 T	Dibromomethane	50.000	65.034	-30.1#	104	0.00
47 T	Bromodichloromethane	50.000	66.254	-32.5#	105	0.00
48 T	Methyl methacrylate	50.000	67.626	-35.3#	107	0.00

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

49 T	1,4-Dioxane	1000.000	1316.003	-31.6#	115	0.00
50 S	Toluene-d8	50.000	62.590	-25.2#	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	336.683	-34.7#	109	0.00
52 CM	Toluene	50.000	66.391	-32.8#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	68.326	-36.7#	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	66.903	-33.8#	104	0.00
55 T	1,1,2-Trichloroethane	50.000	64.279	-28.6#	102	0.00
56 T	Ethyl methacrylate	50.000	68.861	-37.7#	107	0.00
57 T	1,3-Dichloropropane	50.000	64.751	-29.5#	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	342.044	-36.8#	102	0.00
59 T	2-Hexanone	250.000	336.256	-34.5#	109	0.00
60 T	Dibromochloromethane	50.000	64.901	-29.8#	105	0.00
61 T	1,2-Dibromoethane	50.000	64.854	-29.7#	104	0.00
62 S	4-Bromofluorobenzene	50.000	62.338	-24.7	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	61.480	-23.0	105	0.00
65 PM	Chlorobenzene	50.000	62.164	-24.3	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	63.740	-27.5#	103	0.00
67 C	Ethyl Benzene	50.000	64.972	-29.9#	100	0.00
68 T	m/p-Xylenes	100.000	130.160	-30.2#	102	0.00
69 T	o-Xylene	50.000	65.057	-30.1#	102	0.00
70 T	Styrene	50.000	66.423	-32.8#	104	0.00
71 P	Bromoform	50.000	66.172	-32.3#	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	69	0.00
73 T	Isopropylbenzene	50.000	70.873	-41.7#	101	0.00
74 T	N-amyl acetate	50.000	71.900	-43.8#	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	66.674	-33.3#	107	0.00
76 T	1,2,3-Trichloropropane	50.000	53.377	-6.8	82	0.00
77 T	Bromobenzene	50.000	69.785	-39.6#	101	0.00
78 T	n-propylbenzene	50.000	70.232	-40.5#	101	0.00
79 T	2-Chlorotoluene	50.000	69.055	-38.1#	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	71.390	-42.8#	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	71.522	-43.0#	108	0.00
82 T	4-Chlorotoluene	50.000	69.572	-39.1#	103	0.00
83 T	tert-Butylbenzene	50.000	72.253	-44.5#	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	69.686	-39.4#	100	0.00
85 T	sec-Butylbenzene	50.000	68.106	-36.2#	98	0.00
86 T	p-Isopropyltoluene	50.000	71.037	-42.1#	105	0.00
87 T	1,3-Dichlorobenzene	50.000	68.840	-37.7#	105	0.00
88 T	1,4-Dichlorobenzene	50.000	66.613	-33.2#	98	0.00
89 T	n-Butylbenzene	50.000	69.602	-39.2#	100	0.00
90 T	Hexachloroethane	50.000	71.057	-42.1#	103	0.00
91 T	1,2-Dichlorobenzene	50.000	67.372	-34.7#	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	66.999	-34.0#	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	68.357	-36.7#	101	0.00
94 T	Hexachlorobutadiene	50.000	65.190	-30.4#	101	0.00
95 T	Naphthalene	50.000	70.533	-41.1#	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	69.470	-38.9#	103	0.00

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