

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
 Data File : VW032659.D
 Acq On : 16 Dec 2025 16:22
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121625

Quant Time: Dec 17 01:04:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 00:58:18 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	48.248	3.5	105	0.00
3 P	Chloromethane	50.000	45.858	8.3	96	0.00
4 C	Vinyl Chloride	50.000	48.042	3.9#	98	0.00
5 T	Bromomethane	50.000	47.727	4.5	96	0.00
6 T	Chloroethane	50.000	49.177	1.6	99	0.00
7 T	Trichlorofluoromethane	50.000	51.792	-3.6	112	0.00
8 T	Diethyl Ether	50.000	50.334	-0.7	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.436	3.1	97	0.00
10 T	Methyl Iodide	50.000	48.326	3.3	98	0.00
11 T	Tert butyl alcohol	250.000	290.081	-16.0	113	0.00
12 CM	1,1-Dichloroethene	50.000	49.340	1.3#	97	0.00
13 T	Acrolein	250.000	220.345	11.9	93	0.00
14 T	Allyl chloride	50.000	50.978	-2.0	98	0.00
15 T	Acrylonitrile	250.000	274.018	-9.6	106	0.01
16 T	Acetone	250.000	270.240	-8.1	105	0.00
17 T	Carbon Disulfide	50.000	48.865	2.3	98	0.00
18 T	Methyl Acetate	50.000	57.355	-14.7	108	0.00
19 T	Methyl tert-butyl Ether	50.000	53.066	-6.1	101	0.00
20 T	Methylene Chloride	50.000	51.299	-2.6	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.235	-0.5	99	0.01
22 T	Diisopropyl ether	50.000	51.597	-3.2	99	0.00
23 T	Vinyl Acetate	250.000	271.403	-8.6	102	0.00
24 P	1,1-Dichloroethane	50.000	50.599	-1.2	99	0.00
25 T	2-Butanone	250.000	288.054	-15.2	107	0.00
26 T	2,2-Dichloropropane	50.000	50.321	-0.6	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.711	-1.4	99	0.00
28 T	Bromochloromethane	50.000	56.723	-13.4	115	0.00
29 T	Tetrahydrofuran	250.000	286.899	-14.8	108	0.00
30 C	Chloroform	50.000	50.406	-0.8#	99	0.00
31 T	Cyclohexane	50.000	47.994	4.0	99	0.00
32 T	1,1,1-Trichloroethane	50.000	50.434	-0.9	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.113	9.8	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	45.796	8.4	85	0.00
36 T	1,1-Dichloropropene	50.000	52.152	-4.3	98	0.00
37 T	Ethyl Acetate	50.000	55.467	-10.9	103	0.00
38 T	Carbon Tetrachloride	50.000	51.520	-3.0	97	0.00
39 T	Methylcyclohexane	50.000	53.787	-7.6	101	0.00
40 TM	Benzene	50.000	51.498	-3.0	98	0.00
41 T	Methacrylonitrile	50.000	57.087	-14.2	108	0.00
42 TM	1,2-Dichloroethane	50.000	53.146	-6.3	100	0.00
43 T	Isopropyl Acetate	50.000	56.744	-13.5	104	0.00
44 TM	Trichloroethene	50.000	52.032	-4.1	99	0.00
45 C	1,2-Dichloropropane	50.000	51.342	-2.7#	97	0.00
46 T	Dibromomethane	50.000	51.803	-3.6	99	0.00
47 T	Bromodichloromethane	50.000	52.919	-5.8	99	0.00
48 T	Methyl methacrylate	50.000	59.927	-19.9	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1194.477	-19.4	107	0.00
50 S	Toluene-d8	50.000	46.986	6.0	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	290.660	-16.3	107	0.00
52 CM	Toluene	50.000	52.615	-5.2#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	54.374	-8.7	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.023	-6.0	97	0.00
55 T	1,1,2-Trichloroethane	50.000	52.846	-5.7	100	0.00
56 T	Ethyl methacrylate	50.000	58.724	-17.4	106	0.00
57 T	1,3-Dichloropropane	50.000	53.512	-7.0	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	269.395	-7.8	107	0.00
59 T	2-Hexanone	250.000	296.085	-18.4	106	0.00
60 T	Dibromochloromethane	50.000	54.738	-9.5	101	0.00
61 T	1,2-Dibromoethane	50.000	52.826	-5.7	102	0.00
62 S	4-Bromofluorobenzene	50.000	47.434	5.1	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	52.894	-5.8	101	0.00
65 PM	Chlorobenzene	50.000	54.316	-8.6	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.370	-8.7	100	0.00
67 C	Ethyl Benzene	50.000	55.680	-11.4#	100	0.00
68 T	m/p-Xylenes	100.000	107.067	-7.1	96	0.00
69 T	o-Xylene	50.000	56.946	-13.9	102	0.00
70 T	Styrene	50.000	55.241	-10.5	98	0.00
71 P	Bromoform	50.000	56.195	-12.4	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	54.748	-9.5	99	0.00
74 T	N-amyl acetate	50.000	58.201	-16.4	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.253	-8.5	102	0.00
76 T	1,2,3-Trichloropropane	50.000	53.014	-6.0	106	0.00
77 T	Bromobenzene	50.000	53.111	-6.2	99	0.00
78 T	n-propylbenzene	50.000	54.288	-8.6	99	0.00
79 T	2-Chlorotoluene	50.000	53.570	-7.1	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.796	-9.6	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.681	-13.4	102	0.00
82 T	4-Chlorotoluene	50.000	52.765	-5.5	99	0.00
83 T	tert-Butylbenzene	50.000	54.520	-9.0	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.018	-8.0	99	0.00
85 T	sec-Butylbenzene	50.000	54.035	-8.1	100	0.00
86 T	p-Isopropyltoluene	50.000	54.579	-9.2	101	0.00
87 T	1,3-Dichlorobenzene	50.000	53.098	-6.2	102	0.00
88 T	1,4-Dichlorobenzene	50.000	52.543	-5.1	99	0.00
89 T	n-Butylbenzene	50.000	55.071	-10.1	100	0.00
90 T	Hexachloroethane	50.000	52.922	-5.8	99	0.00
91 T	1,2-Dichlorobenzene	50.000	50.748	-1.5	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.936	-13.9	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.804	-5.6	92	0.00
94 T	Hexachlorobutadiene	50.000	57.011	-14.0	107	0.00
95 T	Naphthalene	50.000	59.333	-18.7	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.570	-11.1	105	0.00

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