

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120325\
 Data File : VW032570.D
 Acq On : 03 Dec 2025 14:07
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW120325

Quant Time: Dec 04 04:06:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 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	110	0.00
2 T	Dichlorodifluoromethane	50.000	50.331	-0.7	126	0.00
3 P	Chloromethane	50.000	45.269	9.5	116	0.00
4 C	Vinyl Chloride	50.000	47.378	5.2#	113	0.00
5 T	Bromomethane	50.000	46.543	6.9	112	0.00
6 T	Chloroethane	50.000	47.351	5.3	110	0.00
7 T	Trichlorofluoromethane	50.000	47.271	5.5	108	0.00
8 T	Diethyl Ether	50.000	48.047	3.9	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.309	-0.6	118	0.00
10 T	Methyl Iodide	50.000	45.636	8.7	109	0.00
11 T	Tert butyl alcohol	250.000	233.962	6.4	110	0.00
12 CM	1,1-Dichloroethene	50.000	48.031	3.9#	112	0.00
13 T	Acrolein	250.000	211.813	15.3	88	0.00
14 T	Allyl chloride	50.000	48.894	2.2	111	0.00
15 T	Acrylonitrile	250.000	258.392	-3.4	111	0.00
16 T	Acetone	250.000	275.394	-10.2	118	0.00
17 T	Carbon Disulfide	50.000	48.794	2.4	113	0.00
18 T	Methyl Acetate	50.000	53.785	-7.6	116	0.00
19 T	Methyl tert-butyl Ether	50.000	51.344	-2.7	111	0.00
20 T	Methylene Chloride	50.000	43.118	13.8	109	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.446	3.1	112	0.00
22 T	Diisopropyl ether	50.000	49.724	0.6	109	0.00
23 T	Vinyl Acetate	250.000	256.717	-2.7	108	0.00
24 P	1,1-Dichloroethane	50.000	47.629	4.7	110	0.00
25 T	2-Butanone	250.000	272.033	-8.8	116	0.00
26 T	2,2-Dichloropropane	50.000	46.172	7.7	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.769	4.5	109	0.00
28 T	Bromochloromethane	50.000	43.903	12.2	95	0.00
29 T	Tetrahydrofuran	250.000	269.479	-7.8	110	0.00
30 C	Chloroform	50.000	47.028	5.9#	110	0.00
31 T	Cyclohexane	50.000	50.229	-0.5	119	0.00
32 T	1,1,1-Trichloroethane	50.000	47.732	4.5	111	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.819	10.4	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35 S	Dibromofluoromethane	50.000	44.435	11.1	96	0.00
36 T	1,1-Dichloropropene	50.000	51.934	-3.9	114	0.00
37 T	Ethyl Acetate	50.000	51.110	-2.2	106	0.00
38 T	Carbon Tetrachloride	50.000	51.927	-3.9	118	0.00
39 T	Methylcyclohexane	50.000	55.602	-11.2	119	0.00
40 TM	Benzene	50.000	48.704	2.6	109	0.00
41 T	Methacrylonitrile	50.000	54.303	-8.6	103	0.00
42 TM	1,2-Dichloroethane	50.000	49.369	1.3	108	0.00
43 T	Isopropyl Acetate	50.000	53.377	-6.8	110	0.00
44 TM	Trichloroethene	50.000	49.357	1.3	111	0.00
45 C	1,2-Dichloropropane	50.000	49.735	0.5#	110	0.00
46 T	Dibromomethane	50.000	49.874	0.3	108	0.00
47 T	Bromodichloromethane	50.000	49.741	0.5	110	0.00
48 T	Methyl methacrylate	50.000	58.897	-17.8	110	0.00

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

49 T	1,4-Dioxane	1000.000	1128.553	-12.9	111	0.00
50 S	Toluene-d8	50.000	46.132	7.7	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.701	-8.7	109	0.00
52 CM	Toluene	50.000	50.023	-0.0#	110	0.00
53 T	t-1,3-Dichloropropene	50.000	53.125	-6.3	114	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.256	-2.5	111	0.00
55 T	1,1,2-Trichloroethane	50.000	49.124	1.8	108	0.00
56 T	Ethyl methacrylate	50.000	55.621	-11.2	110	0.00
57 T	1,3-Dichloropropane	50.000	50.900	-1.8	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.535	-3.8	103	0.00
59 T	2-Hexanone	250.000	280.183	-12.1	109	0.00
60 T	Dibromochloromethane	50.000	51.211	-2.4	114	0.00
61 T	1,2-Dibromoethane	50.000	50.250	-0.5	109	0.00
62 S	4-Bromofluorobenzene	50.000	46.992	6.0	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	49.667	0.7	112	0.00
65 PM	Chlorobenzene	50.000	49.048	1.9	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.453	1.1	107	0.00
67 C	Ethyl Benzene	50.000	51.727	-3.5#	111	0.00
68 T	m/p-Xylenes	100.000	102.375	-2.4	109	0.00
69 T	o-Xylene	50.000	51.263	-2.5	105	0.00
70 T	Styrene	50.000	52.334	-4.7	109	0.00
71 P	Bromoform	50.000	53.243	-6.5	113	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	52.421	-4.8	107	0.00
74 T	N-amyl acetate	50.000	55.404	-10.8	108	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.425	-4.8	108	0.00
76 T	1,2,3-Trichloropropane	50.000	49.748	0.5	107	0.00
77 T	Bromobenzene	50.000	49.884	0.2	109	0.00
78 T	n-propylbenzene	50.000	52.835	-5.7	109	0.00
79 T	2-Chlorotoluene	50.000	52.136	-4.3	111	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.821	-5.6	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.295	-12.6	109	0.00
82 T	4-Chlorotoluene	50.000	50.643	-1.3	106	0.00
83 T	tert-Butylbenzene	50.000	55.844	-11.7	117	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.349	-4.7	109	0.00
85 T	sec-Butylbenzene	50.000	53.328	-6.7	112	0.00
86 T	p-Isopropyltoluene	50.000	53.783	-7.6	115	0.00
87 T	1,3-Dichlorobenzene	50.000	49.191	1.6	106	0.00
88 T	1,4-Dichlorobenzene	50.000	48.181	3.6	103	0.00
89 T	n-Butylbenzene	50.000	53.669	-7.3	114	0.00
90 T	Hexachloroethane	50.000	49.748	0.5	109	0.00
91 T	1,2-Dichlorobenzene	50.000	51.418	-2.8	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.596	-5.2	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.827	-5.7	115	0.00
94 T	Hexachlorobutadiene	50.000	48.898	2.2	105	0.00
95 T	Naphthalene	50.000	57.123	-14.2	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.844	-3.7	108	0.00

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