

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121025\
 Data File : VW032616.D
 Acq On : 10 Dec 2025 14:44
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121025

Quant Time: Dec 11 01:59:58 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	46.633	6.7	110	0.00
3 P	Chloromethane	50.000	43.124	13.8	108	0.00
4 C	Vinyl Chloride	50.000	46.021	8.0#	107	0.00
5 T	Bromomethane	50.000	45.501	9.0	106	0.00
6 T	Chloroethane	50.000	45.467	9.1	104	0.00
7 T	Trichlorofluoromethane	50.000	41.819	16.4	94	0.00
8 T	Diethyl Ether	50.000	46.795	6.4	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.221	9.6	105	0.00
10 T	Methyl Iodide	50.000	44.804	10.4	100	0.00
11 T	Tert butyl alcohol	250.000	247.054	1.2	128	0.00
12 CM	1,1-Dichloroethene	50.000	46.032	7.9#	106	0.00
13 T	Acrolein	250.000	210.482	15.8	82	0.00
14 T	Allyl chloride	50.000	46.958	6.1	106	-0.01
15 T	Acrylonitrile	250.000	241.789	3.3	117	0.00
16 T	Acetone	250.000	244.766	2.1	132	-0.01
17 T	Carbon Disulfide	50.000	45.221	9.6	104	0.00
18 T	Methyl Acetate	50.000	48.527	2.9	116	0.00
19 T	Methyl tert-butyl Ether	50.000	49.120	1.8	109	0.00
20 T	Methylene Chloride	50.000	41.736	16.5	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.195	5.6	109	-0.01
22 T	Diisopropyl ether	50.000	47.772	4.5	104	0.00
23 T	Vinyl Acetate	250.000	246.914	1.2	111	0.00
24 P	1,1-Dichloroethane	50.000	46.669	6.7	106	0.00
25 T	2-Butanone	250.000	254.948	-2.0	127	0.00
26 T	2,2-Dichloropropane	50.000	45.363	9.3	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.791	4.4	107	0.00
28 T	Bromochloromethane	50.000	52.238	-4.5	106	0.00
29 T	Tetrahydrofuran	250.000	248.648	0.5	120	0.00
30 C	Chloroform	50.000	46.536	6.9#	105	0.00
31 T	Cyclohexane	50.000	44.664	10.7	105	0.00
32 T	1,1,1-Trichloroethane	50.000	45.704	8.6	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.706	8.6	118	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35 S	Dibromofluoromethane	50.000	44.816	10.4	117	0.00
36 T	1,1-Dichloropropene	50.000	47.540	4.9	107	0.00
37 T	Ethyl Acetate	50.000	50.093	-0.2	118	0.00
38 T	Carbon Tetrachloride	50.000	45.654	8.7	103	0.00
39 T	Methylcyclohexane	50.000	48.027	3.9	105	0.00
40 TM	Benzene	50.000	46.536	6.9	106	0.00
41 T	Methacrylonitrile	50.000	49.330	1.3	112	0.00
42 TM	1,2-Dichloroethane	50.000	46.485	7.0	107	0.00
43 T	Isopropyl Acetate	50.000	48.813	2.4	115	0.00
44 TM	Trichloroethene	50.000	46.391	7.2	106	0.00
45 C	1,2-Dichloropropane	50.000	46.830	6.3#	106	0.00
46 T	Dibromomethane	50.000	48.498	3.0	111	0.00
47 T	Bromodichloromethane	50.000	47.440	5.1	107	0.00
48 T	Methyl methacrylate	50.000	48.141	3.7	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	931.994	6.8	117	0.00
50 S	Toluene-d8	50.000	47.710	4.6	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.711	0.1	119	0.00
52 CM	Toluene	50.000	47.373	5.3#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	49.511	1.0	110	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.591	4.8	106	0.00
55 T	1,1,2-Trichloroethane	50.000	47.674	4.7	111	0.00
56 T	Ethyl methacrylate	50.000	50.935	-1.9	115	0.00
57 T	1,3-Dichloropropane	50.000	48.517	3.0	110	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	333.526	-33.4#	153	0.00
59 T	2-Hexanone	250.000	256.852	-2.7	123	0.00
60 T	Dibromochloromethane	50.000	47.673	4.7	106	0.00
61 T	1,2-Dibromoethane	50.000	47.233	5.5	107	0.00
62 S	4-Bromofluorobenzene	50.000	48.324	3.4	120	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	46.737	6.5	110	0.00
65 PM	Chlorobenzene	50.000	47.709	4.6	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.243	3.5	103	0.00
67 C	Ethyl Benzene	50.000	48.907	2.2#	105	0.00
68 T	m/p-Xylenes	100.000	95.188	4.8	102	0.00
69 T	o-Xylene	50.000	49.404	1.2	105	0.00
70 T	Styrene	50.000	49.722	0.6	106	0.00
71 P	Bromoform	50.000	48.991	2.0	114	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73 T	Isopropylbenzene	50.000	48.357	3.3	103	0.00
74 T	N-ethyl acetate	50.000	51.064	-2.1	116	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.887	2.2	114	0.00
76 T	1,2,3-Trichloropropane	50.000	46.611	6.8	109	0.00
77 T	Bromobenzene	50.000	49.980	0.0	115	0.00
78 T	n-propylbenzene	50.000	48.914	2.2	106	0.00
79 T	2-Chlorotoluene	50.000	48.044	3.9	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.108	1.8	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.410	-14.8	118	0.00
82 T	4-Chlorotoluene	50.000	48.789	2.4	110	0.00
83 T	tert-Butylbenzene	50.000	50.153	-0.3	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.832	2.3	105	0.00
85 T	sec-Butylbenzene	50.000	49.089	1.8	107	0.00
86 T	p-Isopropyltoluene	50.000	48.746	2.5	106	0.00
87 T	1,3-Dichlorobenzene	50.000	46.207	7.6	103	0.00
88 T	1,4-Dichlorobenzene	50.000	47.205	5.6	105	0.00
89 T	n-Butylbenzene	50.000	49.694	0.6	110	0.00
90 T	Hexachloroethane	50.000	47.837	4.3	105	0.00
91 T	1,2-Dichlorobenzene	50.000	47.920	4.2	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.762	6.5	115	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.615	2.8	109	0.00
94 T	Hexachlorobutadiene	50.000	46.713	6.6	103	0.00
95 T	Naphthalene	50.000	57.948	-15.9	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.515	1.0	110	0.00

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