

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
 Data File : VW032265.D
 Acq On : 25 Sep 2025 14:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW092525

Quant Time: Sep 26 07:14:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	40.645	18.7	99	0.00
3 P	Chloromethane	50.000	42.288	15.4	103	0.00
4 C	Vinyl Chloride	50.000	44.912	10.2#	101	0.00
5 T	Bromomethane	50.000	45.811	8.4	103	0.00
6 T	Chloroethane	50.000	45.637	8.7	104	0.00
7 T	Trichlorofluoromethane	50.000	42.509	15.0	101	0.00
8 T	Diethyl Ether	50.000	43.674	12.7	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.364	9.3	100	0.00
10 T	Methyl Iodide	50.000	46.427	7.1	103	0.01
11 T	Tert butyl alcohol	250.000	232.801	6.9	117	0.00
12 CM	1,1-Dichloroethene	50.000	45.171	9.7#	102	0.00
13 T	Acrolein	250.000	220.732	11.7	100	0.00
14 T	Allyl chloride	50.000	47.051	5.9	103	0.00
15 T	Acrylonitrile	250.000	229.914	8.0	108	0.00
16 T	Acetone	250.000	246.593	1.4	128	0.00
17 T	Carbon Disulfide	50.000	45.366	9.3	103	0.00
18 T	Methyl Acetate	50.000	51.476	-3.0	102	0.00
19 T	Methyl tert-butyl Ether	50.000	50.070	-0.1	108	0.00
20 T	Methylene Chloride	50.000	42.256	15.5	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.181	7.6	102	0.00
22 T	Diisopropyl ether	50.000	47.929	4.1	102	0.00
23 T	Vinyl Acetate	250.000	238.412	4.6	108	0.00
24 P	1,1-Dichloroethane	50.000	46.013	8.0	101	0.00
25 T	2-Butanone	250.000	244.766	2.1	115	0.00
26 T	2,2-Dichloropropane	50.000	47.257	5.5	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.321	7.4	101	0.00
28 T	Bromochloromethane	50.000	46.350	7.3	101	0.00
29 T	Tetrahydrofuran	250.000	232.669	6.9	108	0.00
30 C	Chloroform	50.000	45.544	8.9#	100	0.00
31 T	Cyclohexane	50.000	43.225	13.5	101	0.00
32 T	1,1,1-Trichloroethane	50.000	46.116	7.8	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.214	11.6	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35 S	Dibromofluoromethane	50.000	45.177	9.6	100	0.00
36 T	1,1-Dichloropropene	50.000	47.457	5.1	102	0.00
37 T	Ethyl Acetate	50.000	46.666	6.7	107	0.00
38 T	Carbon Tetrachloride	50.000	47.040	5.9	103	0.00
39 T	Methylcyclohexane	50.000	48.487	3.0	102	0.00
40 TM	Benzene	50.000	46.957	6.1	101	0.00
41 T	Methacrylonitrile	50.000	48.829	2.3	109	0.00
42 TM	1,2-Dichloroethane	50.000	46.783	6.4	105	0.00
43 T	Isopropyl Acetate	50.000	48.820	2.4	110	0.00
44 TM	Trichloroethene	50.000	46.998	6.0	104	0.00
45 C	1,2-Dichloropropane	50.000	46.014	8.0#	99	0.00
46 T	Dibromomethane	50.000	46.647	6.7	103	0.00
47 T	Bromodichloromethane	50.000	46.492	7.0	99	0.00
48 T	Methyl methacrylate	50.000	50.368	-0.7	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	970.255	3.0	104	0.00
50 S	Toluene-d8	50.000	46.839	6.3	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	242.856	2.9	109	0.00
52 CM	Toluene	50.000	48.589	2.8#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	50.162	-0.3	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.823	2.4	104	0.00
55 T	1,1,2-Trichloroethane	50.000	45.866	8.3	103	0.00
56 T	Ethyl methacrylate	50.000	50.508	-1.0	108	0.00
57 T	1,3-Dichloropropane	50.000	47.265	5.5	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	266.090	-6.4	108	0.00
59 T	2-Hexanone	250.000	252.380	-1.0	112	0.00
60 T	Dibromochloromethane	50.000	46.885	6.2	99	0.00
61 T	1,2-Dibromoethane	50.000	47.160	5.7	103	0.00
62 S	4-Bromofluorobenzene	50.000	46.588	6.8	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	49.112	1.8	101	0.00
65 PM	Chlorobenzene	50.000	48.030	3.9	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.606	0.8	102	0.00
67 C	Ethyl Benzene	50.000	50.283	-0.6#	103	0.00
68 T	m/p-Xylenes	100.000	101.354	-1.4	104	0.00
69 T	o-Xylene	50.000	50.802	-1.6	100	0.00
70 T	Styrene	50.000	52.165	-4.3	102	0.00
71 P	Bromoform	50.000	48.298	3.4	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	52.514	-5.0	103	0.00
74 T	N-amyl acetate	50.000	51.392	-2.8	108	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.912	2.2	105	0.00
76 T	1,2,3-Trichloropropane	50.000	47.756	4.5	103	0.00
77 T	Bromobenzene	50.000	49.278	1.4	96	0.00
78 T	n-propylbenzene	50.000	51.435	-2.9	100	0.00
79 T	2-Chlorotoluene	50.000	51.132	-2.3	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.853	-1.7	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.360	-2.7	105	0.00
82 T	4-Chlorotoluene	50.000	51.201	-2.4	102	0.00
83 T	tert-Butylbenzene	50.000	52.118	-4.2	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.317	-2.6	101	0.00
85 T	sec-Butylbenzene	50.000	53.137	-6.3	104	0.00
86 T	p-Isopropyltoluene	50.000	53.640	-7.3	102	0.00
87 T	1,3-Dichlorobenzene	50.000	49.081	1.8	100	0.00
88 T	1,4-Dichlorobenzene	50.000	50.107	-0.2	108	0.00
89 T	n-Butylbenzene	50.000	51.933	-3.9	102	0.00
90 T	Hexachloroethane	50.000	49.603	0.8	104	0.00
91 T	1,2-Dichlorobenzene	50.000	47.990	4.0	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.711	2.6	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.989	0.0	102	0.00
94 T	Hexachlorobutadiene	50.000	48.387	3.2	111	0.00
95 T	Naphthalene	50.000	52.320	-4.6	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.008	-2.0	104	0.00

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