

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032059.D
 Acq On : 11 Aug 2025 11:51
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081125

Quant Time: Aug 12 04:12:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	43.069	13.9	93	0.00
3 P	Chloromethane	50.000	47.474	5.1	106	0.00
4 C	Vinyl Chloride	50.000	47.096	5.8#	105	0.00
5 T	Bromomethane	50.000	47.201	5.6	102	0.00
6 T	Chloroethane	50.000	47.858	4.3	102	0.00
7 T	Trichlorofluoromethane	50.000	51.386	-2.8	105	0.00
8 T	Diethyl Ether	50.000	50.380	-0.8	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.316	5.4	102	0.00
10 T	Methyl Iodide	50.000	49.742	0.5	105	0.00
11 T	Tert butyl alcohol	250.000	271.910	-8.8	102	-0.01
12 CM	1,1-Dichloroethene	50.000	47.992	4.0#	103	0.00
13 T	Acrolein	250.000	236.960	5.2	102	0.00
14 T	Allyl chloride	50.000	51.094	-2.2	106	0.00
15 T	Acrylonitrile	250.000	265.958	-6.4	103	0.00
16 T	Acetone	250.000	254.262	-1.7	106	0.00
17 T	Carbon Disulfide	50.000	48.970	2.1	104	0.00
18 T	Methyl Acetate	50.000	52.614	-5.2	102	0.00
19 T	Methyl tert-butyl Ether	50.000	54.465	-8.9	107	0.00
20 T	Methylene Chloride	50.000	46.453	7.1	107	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.035	-0.1	104	0.00
22 T	Diisopropyl ether	50.000	52.038	-4.1	104	0.00
23 T	Vinyl Acetate	250.000	270.210	-8.1	103	0.00
24 P	1,1-Dichloroethane	50.000	49.234	1.5	103	0.00
25 T	2-Butanone	250.000	272.083	-8.8	103	0.00
26 T	2,2-Dichloropropane	50.000	49.659	0.7	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.404	-2.8	105	0.00
28 T	Bromochloromethane	50.000	50.315	-0.6	102	0.00
29 T	Tetrahydrofuran	250.000	274.235	-9.7	102	0.00
30 C	Chloroform	50.000	49.803	0.4#	103	0.00
31 T	Cyclohexane	50.000	46.646	6.7	101	0.00
32 T	1,1,1-Trichloroethane	50.000	50.108	-0.2	107	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.205	1.6	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	49.939	0.1	103	0.00
36 T	1,1-Dichloropropene	50.000	49.574	0.9	100	0.00
37 T	Ethyl Acetate	50.000	55.214	-10.4	104	0.00
38 T	Carbon Tetrachloride	50.000	50.015	-0.0	101	0.00
39 T	Methylcyclohexane	50.000	52.181	-4.4	103	0.00
40 TM	Benzene	50.000	50.272	-0.5	100	0.00
41 T	Methacrylonitrile	50.000	55.204	-10.4	104	0.00
42 TM	1,2-Dichloroethane	50.000	51.154	-2.3	103	0.00
43 T	Isopropyl Acetate	50.000	54.846	-9.7	104	0.00
44 TM	Trichloroethene	50.000	49.175	1.7	101	0.00
45 C	1,2-Dichloropropane	50.000	51.403	-2.8#	103	0.00
46 T	Dibromomethane	50.000	50.497	-1.0	101	0.00
47 T	Bromodichloromethane	50.000	51.775	-3.5	102	0.00
48 T	Methyl methacrylate	50.000	55.048	-10.1	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1155.151	-15.5	104	0.00
50 S	Toluene-d8	50.000	49.708	0.6	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	275.585	-10.2	102	0.00
52 CM	Toluene	50.000	50.410	-0.8#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	53.108	-6.2	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.577	-5.2	101	0.00
55 T	1,1,2-Trichloroethane	50.000	51.716	-3.4	103	0.00
56 T	Ethyl methacrylate	50.000	56.374	-12.7	104	0.00
57 T	1,3-Dichloropropane	50.000	51.186	-2.4	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	272.893	-9.2	102	0.00
59 T	2-Hexanone	250.000	281.817	-12.7	102	0.00
60 T	Dibromochloromethane	50.000	52.276	-4.6	104	0.00
61 T	1,2-Dibromoethane	50.000	52.603	-5.2	104	0.00
62 S	4-Bromofluorobenzene	50.000	51.460	-2.9	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	51.245	-2.5	109	0.00
65 PM	Chlorobenzene	50.000	49.461	1.1	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.324	-0.6	103	0.00
67 C	Ethyl Benzene	50.000	50.253	-0.5#	101	0.00
68 T	m/p-Xylenes	100.000	101.607	-1.6	101	0.00
69 T	o-Xylene	50.000	51.416	-2.8	102	0.00
70 T	Styrene	50.000	51.833	-3.7	102	0.00
71 P	Bromoform	50.000	54.945	-9.9	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	52.571	-5.1	102	0.00
74 T	N-amyl acetate	50.000	55.682	-11.4	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.514	-5.0	102	0.00
76 T	1,2,3-Trichloropropane	50.000	48.091	3.8	87	0.00
77 T	Bromobenzene	50.000	49.886	0.2	97	0.00
78 T	n-propylbenzene	50.000	51.148	-2.3	100	0.00
79 T	2-Chlorotoluene	50.000	51.114	-2.2	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.291	-4.6	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.570	-7.1	99	0.00
82 T	4-Chlorotoluene	50.000	50.312	-0.6	100	0.00
83 T	tert-Butylbenzene	50.000	53.777	-7.6	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.308	-6.6	103	0.00
85 T	sec-Butylbenzene	50.000	50.571	-1.1	100	0.00
86 T	p-Isopropyltoluene	50.000	51.580	-3.2	99	0.00
87 T	1,3-Dichlorobenzene	50.000	50.304	-0.6	97	0.00
88 T	1,4-Dichlorobenzene	50.000	49.942	0.1	102	0.00
89 T	n-Butylbenzene	50.000	51.958	-3.9	100	0.00
90 T	Hexachloroethane	50.000	50.329	-0.7	103	0.00
91 T	1,2-Dichlorobenzene	50.000	50.926	-1.9	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.872	-7.7	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.764	-5.5	105	0.00
94 T	Hexachlorobutadiene	50.000	51.262	-2.5	109	0.00
95 T	Naphthalene	50.000	54.415	-8.8	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.327	-8.7	109	0.00

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