

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
 Data File : VW031736.D
 Acq On : 30 Jun 2025 15:23
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW063025

Quant Time: Jul 01 03:38:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	51.196	-2.4	115	0.00
3 P	Chloromethane	50.000	51.243	-2.5	114	0.00
4 C	Vinyl Chloride	50.000	52.290	-4.6#	112	0.00
5 T	Bromomethane	50.000	49.075	1.8	106	0.00
6 T	Chloroethane	50.000	50.785	-1.6	109	0.00
7 T	Trichlorofluoromethane	50.000	45.877	8.2	98	0.00
8 T	Diethyl Ether	50.000	50.236	-0.5	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.130	-2.3	111	-0.01
10 T	Methyl Iodide	50.000	51.168	-2.3	107	0.00
11 T	Tert butyl alcohol	250.000	273.466	-9.4	106	0.00
12 CM	1,1-Dichloroethene	50.000	51.057	-2.1#	112	0.00
13 T	Acrolein	250.000	238.183	4.7	93	0.00
14 T	Allyl chloride	50.000	53.493	-7.0	111	0.00
15 T	Acrylonitrile	250.000	263.111	-5.2	103	0.00
16 T	Acetone	250.000	255.933	-2.4	114	0.00
17 T	Carbon Disulfide	50.000	51.079	-2.2	108	0.00
18 T	Methyl Acetate	50.000	47.723	4.6	93	0.00
19 T	Methyl tert-butyl Ether	50.000	53.936	-7.9	108	0.00
20 T	Methylene Chloride	50.000	51.478	-3.0	107	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.856	-3.7	109	0.00
22 T	Diisopropyl ether	50.000	53.419	-6.8	108	-0.01
23 T	Vinyl Acetate	250.000	279.810	-11.9	111	0.00
24 P	1,1-Dichloroethane	50.000	52.150	-4.3	110	0.00
25 T	2-Butanone	250.000	280.206	-12.1	106	0.00
26 T	2,2-Dichloropropane	50.000	51.263	-2.5	107	-0.01
27 T	cis-1,2-Dichloroethene	50.000	52.697	-5.4	109	0.00
28 T	Bromochloromethane	50.000	50.675	-1.3	104	0.00
29 T	Tetrahydrofuran	250.000	272.901	-9.2	105	0.00
30 C	Chloroform	50.000	51.829	-3.7#	108	0.00
31 T	Cyclohexane	50.000	50.326	-0.7	112	0.00
32 T	1,1,1-Trichloroethane	50.000	52.429	-4.9	109	-0.01
33 S	1,2-Dichloroethane-d4	50.000	49.923	0.2	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	49.107	1.8	99	0.00
36 T	1,1-Dichloropropene	50.000	54.256	-8.5	112	0.00
37 T	Ethyl Acetate	50.000	56.224	-12.4	111	-0.01
38 T	Carbon Tetrachloride	50.000	54.165	-8.3	113	0.00
39 T	Methylcyclohexane	50.000	54.897	-9.8	114	0.00
40 TM	Benzene	50.000	53.078	-6.2	108	0.00
41 T	Methacrylonitrile	50.000	59.345	-18.7	109	0.00
42 TM	1,2-Dichloroethane	50.000	52.674	-5.3	107	0.00
43 T	Isopropyl Acetate	50.000	56.382	-12.8	108	0.00
44 TM	Trichloroethene	50.000	52.391	-4.8	106	0.00
45 C	1,2-Dichloropropane	50.000	52.122	-4.2#	106	0.00
46 T	Dibromomethane	50.000	52.504	-5.0	105	0.00
47 T	Bromodichloromethane	50.000	53.804	-7.6	108	0.00
48 T	Methyl methacrylate	50.000	58.260	-16.5	113	0.00

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

49 T	1,4-Dioxane	1000.000	1062.966	-6.3	106	0.00
50 S	Toluene-d8	50.000	50.552	-1.1	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.124	-11.6	105	0.00
52 CM	Toluene	50.000	54.503	-9.0#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	56.049	-12.1	108	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.157	-10.3	109	0.00
55 T	1,1,2-Trichloroethane	50.000	53.844	-7.7	108	0.00
56 T	Ethyl methacrylate	50.000	58.189	-16.4	110	0.00
57 T	1,3-Dichloropropane	50.000	51.971	-3.9	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	281.479	-12.6	107	0.00
59 T	2-Hexanone	250.000	282.722	-13.1	103	0.00
60 T	Dibromochloromethane	50.000	53.973	-7.9	105	0.00
61 T	1,2-Dibromoethane	50.000	53.440	-6.9	106	0.00
62 S	4-Bromofluorobenzene	50.000	52.265	-4.5	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	52.421	-4.8	106	0.00
65 PM	Chlorobenzene	50.000	54.443	-8.9	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.176	-14.4	111	0.00
67 C	Ethyl Benzene	50.000	56.161	-12.3#	110	0.00
68 T	m/p-Xylenes	100.000	113.903	-13.9	112	0.00
69 T	o-Xylene	50.000	57.208	-14.4	111	0.00
70 T	Styrene	50.000	56.574	-13.1	107	0.00
71 P	Bromoform	50.000	58.331	-16.7	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	54.594	-9.2	110	0.00
74 T	N-amyl acetate	50.000	58.715	-17.4	112	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.047	-8.1	107	0.00
76 T	1,2,3-Trichloropropane	50.000	53.142	-6.3	104	0.00
77 T	Bromobenzene	50.000	56.175	-12.3	121	0.00
78 T	n-propylbenzene	50.000	55.325	-10.7	112	0.00
79 T	2-Chlorotoluene	50.000	54.514	-9.0	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.260	-12.5	111	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.276	-14.6	108	0.00
82 T	4-Chlorotoluene	50.000	53.189	-6.4	107	0.00
83 T	tert-Butylbenzene	50.000	53.999	-8.0	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.815	-9.6	111	0.00
85 T	sec-Butylbenzene	50.000	55.450	-10.9	111	0.00
86 T	p-Isopropyltoluene	50.000	55.591	-11.2	112	0.00
87 T	1,3-Dichlorobenzene	50.000	54.762	-9.5	112	0.00
88 T	1,4-Dichlorobenzene	50.000	52.771	-5.5	107	0.00
89 T	n-Butylbenzene	50.000	56.443	-12.9	114	0.00
90 T	Hexachloroethane	50.000	56.049	-12.1	113	0.00
91 T	1,2-Dichlorobenzene	50.000	54.274	-8.5	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.174	-8.3	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.742	-15.5	117	0.00
94 T	Hexachlorobutadiene	50.000	57.772	-15.5	128	0.00
95 T	Naphthalene	50.000	56.915	-13.8	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.366	-14.7	116	0.00

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