

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031836.D
 Acq On : 14 Jul 2025 09:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 15 02:38:13 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	41.132	17.7	92	0.00
3 P	Chloromethane	50.000	46.044	7.9	102	0.00
4 C	Vinyl Chloride	50.000	49.178	1.6#	105	0.00
5 T	Bromomethane	50.000	47.511	5.0	103	0.00
6 T	Chloroethane	50.000	48.812	2.4	105	0.00
7 T	Trichlorofluoromethane	50.000	46.535	6.9	99	0.00
8 T	Diethyl Ether	50.000	52.568	-5.1	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.037	1.9	107	0.00
10 T	Methyl Iodide	50.000	46.850	6.3	98	-0.01
11 T	Tert butyl alcohol	250.000	234.834	6.1	91	0.01
12 CM	1,1-Dichloroethene	50.000	49.420	1.2#	108	0.00
13 T	Acrolein	250.000	204.345	18.3	80	0.00
14 T	Allyl chloride	50.000	52.285	-4.6	109	0.00
15 T	Acrylonitrile	250.000	247.845	0.9	97	0.00
16 T	Acetone	250.000	205.003	18.0	91	0.00
17 T	Carbon Disulfide	50.000	46.646	6.7	98	0.00
18 T	Methyl Acetate	50.000	52.667	-5.3	103	0.00
19 T	Methyl tert-butyl Ether	50.000	55.794	-11.6	111	0.00
20 T	Methylene Chloride	50.000	53.404	-6.8	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.126	-0.3	105	0.00
22 T	Diisopropyl ether	50.000	56.229	-12.5	114	0.00
23 T	Vinyl Acetate	250.000	266.040	-6.4	105	0.00
24 P	1,1-Dichloroethane	50.000	52.462	-4.9	111	0.00
25 T	2-Butanone	250.000	247.209	1.1	93	0.00
26 T	2,2-Dichloropropane	50.000	49.055	1.9	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.359	-8.7	112	0.00
28 T	Bromochloromethane	50.000	53.046	-6.1	109	0.00
29 T	Tetrahydrofuran	250.000	249.693	0.1	96	0.00
30 C	Chloroform	50.000	53.231	-6.5#	110	0.00
31 T	Cyclohexane	50.000	47.976	4.0	106	0.00
32 T	1,1,1-Trichloroethane	50.000	50.605	-1.2	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.957	0.1	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	50.884	-1.8	103	0.00
36 T	1,1-Dichloropropene	50.000	52.050	-4.1	109	0.00
37 T	Ethyl Acetate	50.000	50.129	-0.3	100	0.00
38 T	Carbon Tetrachloride	50.000	50.500	-1.0	106	0.00
39 T	Methylcyclohexane	50.000	50.768	-1.5	106	0.00
40 TM	Benzene	50.000	53.424	-6.8	109	0.00
41 T	Methacrylonitrile	50.000	52.550	-5.1	97	0.00
42 TM	1,2-Dichloroethane	50.000	53.407	-6.8	110	0.00
43 T	Isopropyl Acetate	50.000	52.713	-5.4	102	0.00
44 TM	Trichloroethene	50.000	51.032	-2.1	104	0.00
45 C	1,2-Dichloropropane	50.000	54.772	-9.5#	113	0.00
46 T	Dibromomethane	50.000	53.148	-6.3	107	0.00
47 T	Bromodichloromethane	50.000	54.479	-9.0	110	0.00
48 T	Methyl methacrylate	50.000	53.191	-6.4	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	989.318	1.1	100	0.00
50 S	Toluene-d8	50.000	50.556	-1.1	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.792	-3.9	99	0.00
52 CM	Toluene	50.000	53.951	-7.9#	111	0.00
53 T	t-1,3-Dichloropropene	50.000	55.997	-12.0	109	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.048	-12.1	112	0.00
55 T	1,1,2-Trichloroethane	50.000	53.895	-7.8	109	0.00
56 T	Ethyl methacrylate	50.000	57.487	-15.0	109	0.00
57 T	1,3-Dichloropropane	50.000	54.390	-8.8	112	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.532	-4.2	100	0.00
59 T	2-Hexanone	250.000	263.418	-5.4	97	0.00
60 T	Dibromochloromethane	50.000	54.520	-9.0	107	0.00
61 T	1,2-Dibromoethane	50.000	52.269	-4.5	104	0.00
62 S	4-Bromofluorobenzene	50.000	52.159	-4.3	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	48.361	3.3	101	0.00
65 PM	Chlorobenzene	50.000	52.207	-4.4	109	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.880	-5.8	106	0.00
67 C	Ethyl Benzene	50.000	53.161	-6.3#	108	0.00
68 T	m/p-Xylenes	100.000	106.930	-6.9	108	0.00
69 T	o-Xylene	50.000	55.153	-10.3	110	0.00
70 T	Styrene	50.000	54.348	-8.7	106	0.00
71 P	Bromoform	50.000	51.612	-3.2	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	54.837	-9.7	106	0.00
74 T	N-ethyl acetate	50.000	58.389	-16.8	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.511	-9.0	104	0.00
76 T	1,2,3-Trichloropropane	50.000	53.802	-7.6	101	0.00
77 T	Bromobenzene	50.000	53.439	-6.9	110	0.00
78 T	n-propylbenzene	50.000	55.335	-10.7	108	0.00
79 T	2-Chlorotoluene	50.000	57.600	-15.2	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.384	-12.8	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.239	-12.5	102	0.00
82 T	4-Chlorotoluene	50.000	56.037	-12.1	109	0.00
83 T	tert-Butylbenzene	50.000	56.796	-13.6	112	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.696	-13.4	110	0.00
85 T	sec-Butylbenzene	50.000	55.125	-10.3	107	0.00
86 T	p-Isopropyltoluene	50.000	54.212	-8.4	105	0.00
87 T	1,3-Dichlorobenzene	50.000	54.933	-9.9	108	0.00
88 T	1,4-Dichlorobenzene	50.000	52.075	-4.2	101	0.00
89 T	n-Butylbenzene	50.000	55.390	-10.8	108	0.00
90 T	Hexachloroethane	50.000	53.979	-8.0	105	0.00
91 T	1,2-Dichlorobenzene	50.000	53.691	-7.4	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.415	-0.8	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.224	-2.4	100	0.00
94 T	Hexachlorobutadiene	50.000	50.310	-0.6	107	0.00
95 T	Naphthalene	50.000	54.377	-8.8	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.088	-8.2	105	0.00

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