

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073125\
 Data File : VW031964.D
 Acq On : 31 Jul 2025 10:26
 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: Aug 01 01:12:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	51.228	-2.5	103	0.00
3 P	Chloromethane	50.000	52.501	-5.0	112	0.00
4 C	Vinyl Chloride	50.000	44.715	10.6#	88	0.00
5 T	Bromomethane	50.000	49.471	1.1	101	-0.01
6 T	Chloroethane	50.000	51.213	-2.4	104	0.00
7 T	Trichlorofluoromethane	50.000	40.658	18.7	73	0.00
8 T	Diethyl Ether	50.000	48.335	3.3	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.719	0.6	99	-0.01
10 T	Methyl Iodide	50.000	47.987	4.0	97	0.00
11 T	Tert butyl alcohol	250.000	273.436	-9.4	109	0.00
12 CM	1,1-Dichloroethene	50.000	49.100	1.8#	99	0.00
13 T	Acrolein	250.000	61.320	75.5#	31	-0.02
14 T	Allyl chloride	50.000	46.285	7.4	93	0.00
15 T	Acrylonitrile	250.000	267.188	-6.9	107	0.00
16 T	Acetone	250.000	224.043	10.4	94	-0.01
17 T	Carbon Disulfide	50.000	50.954	-1.9	101	0.00
18 T	Methyl Acetate	50.000	63.430	-26.9#	128	0.00
19 T	Methyl tert-butyl Ether	50.000	49.899	0.2	99	0.00
20 T	Methylene Chloride	50.000	46.597	6.8	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.417	1.2	99	-0.01
22 T	Diisopropyl ether	50.000	48.864	2.3	96	0.00
23 T	Vinyl Acetate	250.000	250.840	-0.3	98	0.00
24 P	1,1-Dichloroethane	50.000	49.877	0.2	99	-0.01
25 T	2-Butanone	250.000	265.707	-6.3	107	0.00
26 T	2,2-Dichloropropane	50.000	43.749	12.5	84	-0.01
27 T	cis-1,2-Dichloroethene	50.000	50.512	-1.0	99	0.00
28 T	Bromochloromethane	50.000	45.306	9.4	91	0.00
29 T	Tetrahydrofuran	250.000	274.881	-10.0	108	0.00
30 C	Chloroform	50.000	50.732	-1.5#	102	0.00
31 T	Cyclohexane	50.000	46.443	7.1	95	0.00
32 T	1,1,1-Trichloroethane	50.000	47.846	4.3	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.815	4.4	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	53.384	-6.8	101	0.00
36 T	1,1-Dichloropropene	50.000	52.542	-5.1	98	0.00
37 T	Ethyl Acetate	50.000	55.247	-10.5	101	0.00
38 T	Carbon Tetrachloride	50.000	52.846	-5.7	98	0.00
39 T	Methylcyclohexane	50.000	52.210	-4.4	95	0.00
40 TM	Benzene	50.000	53.784	-7.6	99	0.00
41 T	Methacrylonitrile	50.000	53.936	-7.9	97	0.00
42 TM	1,2-Dichloroethane	50.000	53.389	-6.8	100	0.00
43 T	Isopropyl Acetate	50.000	54.800	-9.6	101	0.00
44 TM	Trichloroethene	50.000	52.707	-5.4	97	0.00
45 C	1,2-Dichloropropane	50.000	54.672	-9.3#	103	0.00
46 T	Dibromomethane	50.000	57.522	-15.0	107	0.00
47 T	Bromodichloromethane	50.000	55.598	-11.2	104	0.00
48 T	Methyl methacrylate	50.000	57.921	-15.8	106	0.00

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

49 T	1,4-Dioxane	1000.000	1379.669	-38.0#	111	0.00
50 S	Toluene-d8	50.000	52.469	-4.9	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	290.553	-16.2	106	0.00
52 CM	Toluene	50.000	53.745	-7.5#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	54.456	-8.9	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.089	-8.2	99	0.00
55 T	1,1,2-Trichloroethane	50.000	56.042	-12.1	104	0.00
56 T	Ethyl methacrylate	50.000	55.629	-11.3	99	0.00
57 T	1,3-Dichloropropane	50.000	55.453	-10.9	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	252.345	-0.9	91	0.00
59 T	2-Hexanone	250.000	293.514	-17.4	106	0.00
60 T	Dibromochloromethane	50.000	56.264	-12.5	104	0.00
61 T	1,2-Dibromoethane	50.000	56.875	-13.8	105	0.00
62 S	4-Bromofluorobenzene	50.000	49.988	0.0	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	53.841	-7.7	107	0.00
65 PM	Chlorobenzene	50.000	50.130	-0.3	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.574	-5.1	103	0.00
67 C	Ethyl Benzene	50.000	51.365	-2.7#	97	0.00
68 T	m/p-Xylenes	100.000	105.375	-5.4	101	0.00
69 T	o-Xylene	50.000	52.254	-4.5	98	0.00
70 T	Styrene	50.000	53.332	-6.7	100	0.00
71 P	Bromoform	50.000	57.189	-14.4	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	49.572	0.9	96	0.00
74 T	N-amyl acetate	50.000	50.411	-0.8	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.667	-7.3	106	0.00
76 T	1,2,3-Trichloropropane	50.000	53.088	-6.2	104	0.00
77 T	Bromobenzene	50.000	51.729	-3.5	105	0.00
78 T	n-propylbenzene	50.000	49.456	1.1	97	0.00
79 T	2-Chlorotoluene	50.000	50.982	-2.0	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.295	-0.6	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.745	0.5	97	0.00
82 T	4-Chlorotoluene	50.000	48.367	3.3	97	0.00
83 T	tert-Butylbenzene	50.000	48.364	3.3	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.028	-2.1	100	0.00
85 T	sec-Butylbenzene	50.000	49.191	1.6	97	0.00
86 T	p-Isopropyltoluene	50.000	49.549	0.9	98	0.00
87 T	1,3-Dichlorobenzene	50.000	50.736	-1.5	102	0.00
88 T	1,4-Dichlorobenzene	50.000	51.420	-2.8	106	0.00
89 T	n-Butylbenzene	50.000	47.644	4.7	92	0.00
90 T	Hexachloroethane	50.000	49.091	1.8	100	0.00
91 T	1,2-Dichlorobenzene	50.000	52.037	-4.1	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.519	-3.0	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.649	-3.3	108	0.00
94 T	Hexachlorobutadiene	50.000	46.721	6.6	93	0.00
95 T	Naphthalene	50.000	53.054	-6.1	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.809	4.4	95	0.00

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