

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071525\
 Data File : VW031862.D
 Acq On : 15 Jul 2025 15:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 16 01:25:10 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	53.382	-6.8	123	0.01
3 P	Chloromethane	50.000	52.899	-5.8	121	0.00
4 C	Vinyl Chloride	50.000	51.616	-3.2#	114	0.00
5 T	Bromomethane	50.000	46.435	7.1	104	0.00
6 T	Chloroethane	50.000	47.739	4.5	106	0.00
7 T	Trichlorofluoromethane	50.000	55.510	-11.0	122	0.00
8 T	Diethyl Ether	50.000	50.646	-1.3	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.304	1.4	111	0.00
10 T	Methyl Iodide	50.000	46.687	6.6	101	0.00
11 T	Tert butyl alcohol	250.000	263.578	-5.4	105	0.01
12 CM	1,1-Dichloroethene	50.000	51.200	-2.4#	115	0.00
13 T	Acrolein	250.000	258.734	-3.5	104	0.01
14 T	Allyl chloride	50.000	48.672	2.7	104	0.00
15 T	Acrylonitrile	250.000	255.455	-2.2	103	0.01
16 T	Acetone	250.000	232.767	6.9	106	0.02
17 T	Carbon Disulfide	50.000	48.530	2.9	106	0.00
18 T	Methyl Acetate	50.000	42.044	15.9	85	0.00
19 T	Methyl tert-butyl Ether	50.000	54.047	-8.1	111	0.01
20 T	Methylene Chloride	50.000	48.308	3.4	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.681	-1.4	110	0.00
22 T	Diisopropyl ether	50.000	53.635	-7.3	112	0.00
23 T	Vinyl Acetate	250.000	289.278	-15.7	118	0.00
24 P	1,1-Dichloroethane	50.000	51.970	-3.9	113	0.00
25 T	2-Butanone	250.000	270.819	-8.3	105	0.00
26 T	2,2-Dichloropropane	50.000	46.029	7.9	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.420	-4.8	112	0.00
28 T	Bromochloromethane	50.000	54.795	-9.6	116	0.00
29 T	Tetrahydrofuran	250.000	270.586	-8.2	107	0.00
30 C	Chloroform	50.000	51.903	-3.8#	111	0.00
31 T	Cyclohexane	50.000	51.025	-2.0	117	0.00
32 T	1,1,1-Trichloroethane	50.000	49.026	1.9	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.018	-0.0	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	49.032	1.9	105	0.00
36 T	1,1-Dichloropropene	50.000	52.956	-5.9	117	0.00
37 T	Ethyl Acetate	50.000	55.038	-10.1	115	0.00
38 T	Carbon Tetrachloride	50.000	49.174	1.7	109	0.00
39 T	Methylcyclohexane	50.000	55.127	-10.3	122	0.00
40 TM	Benzene	50.000	52.142	-4.3	113	0.00
41 T	Methacrylonitrile	50.000	55.003	-10.0	107	0.00
42 TM	1,2-Dichloroethane	50.000	50.058	-0.1	108	0.00
43 T	Isopropyl Acetate	50.000	56.317	-12.6	115	0.00
44 TM	Trichloroethene	50.000	49.108	1.8	106	0.00
45 C	1,2-Dichloropropane	50.000	52.372	-4.7#	114	0.00
46 T	Dibromomethane	50.000	52.204	-4.4	111	0.00
47 T	Bromodichloromethane	50.000	50.916	-1.8	108	0.00
48 T	Methyl methacrylate	50.000	54.299	-8.6	112	0.00

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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)
49 T	1,4-Dioxane	1000.000	988.696	1.1	105	0.00
50 S	Toluene-d8	50.000	50.093	-0.2	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	269.380	-7.8	108	0.00
52 CM	Toluene	50.000	52.424	-4.8#	114	0.00
53 T	t-1,3-Dichloropropene	50.000	54.444	-8.9	112	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.359	-6.7	112	0.00
55 T	1,1,2-Trichloroethane	50.000	51.887	-3.8	110	0.00
56 T	Ethyl methacrylate	50.000	59.586	-19.2	120	0.00
57 T	1,3-Dichloropropane	50.000	52.919	-5.8	115	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.788	-6.3	107	0.00
59 T	2-Hexanone	250.000	282.505	-13.0	110	0.00
60 T	Dibromochloromethane	50.000	51.184	-2.4	106	0.00
61 T	1,2-Dibromoethane	50.000	52.867	-5.7	111	0.00
62 S	4-Bromofluorobenzene	50.000	54.497	-9.0	116	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	46.760	6.5	106	0.00
65 PM	Chlorobenzene	50.000	49.903	0.2	113	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.355	-0.7	110	0.00
67 C	Ethyl Benzene	50.000	51.091	-2.2#	113	0.00
68 T	m/p-Xylenes	100.000	99.864	0.1	110	0.00
69 T	o-Xylene	50.000	52.075	-4.2	113	0.00
70 T	Styrene	50.000	52.670	-5.3	112	0.00
71 P	Bromoform	50.000	51.106	-2.2	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73 T	Isopropylbenzene	50.000	53.102	-6.2	115	0.00
74 T	N-amyl acetate	50.000	60.464	-20.9	124	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.223	-4.4	111	0.00
76 T	1,2,3-Trichloropropane	50.000	54.000	-8.0	114	0.00
77 T	Bromobenzene	50.000	49.536	0.9	114	0.00
78 T	n-propylbenzene	50.000	53.704	-7.4	116	0.00
79 T	2-Chlorotoluene	50.000	52.667	-5.3	114	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.858	-5.7	112	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.365	-6.7	108	0.00
82 T	4-Chlorotoluene	50.000	51.246	-2.5	111	0.00
83 T	tert-Butylbenzene	50.000	50.900	-1.8	112	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.968	-3.9	113	0.00
85 T	sec-Butylbenzene	50.000	53.356	-6.7	115	0.00
86 T	p-Isopropyltoluene	50.000	52.669	-5.3	114	0.00
87 T	1,3-Dichlorobenzene	50.000	49.620	0.8	109	0.00
88 T	1,4-Dichlorobenzene	50.000	49.086	1.8	107	0.00
89 T	n-Butylbenzene	50.000	54.040	-8.1	117	0.00
90 T	Hexachloroethane	50.000	50.827	-1.7	110	0.00
91 T	1,2-Dichlorobenzene	50.000	50.633	-1.3	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.426	1.1	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.715	-5.4	115	0.00
94 T	Hexachlorobutadiene	50.000	50.055	-0.1	119	0.00
95 T	Naphthalene	50.000	56.513	-13.0	118	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.354	-4.7	114	0.00

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