

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031791.D
 Acq On : 10 Jul 2025 08:47
 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 11 02:14:34 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	109	0.00
2 T	Dichlorodifluoromethane	50.000	48.724	2.6	117	0.01
3 P	Chloromethane	50.000	51.214	-2.4	122	0.00
4 C	Vinyl Chloride	50.000	52.307	-4.6#	120	0.00
5 T	Bromomethane	50.000	47.643	4.7	111	0.00
6 T	Chloroethane	50.000	49.977	0.0	115	0.00
7 T	Trichlorofluoromethane	50.000	50.227	-0.5	115	0.00
8 T	Diethyl Ether	50.000	50.184	-0.4	115	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.636	-1.3	118	0.00
10 T	Methyl Iodide	50.000	49.451	1.1	111	0.00
11 T	Tert butyl alcohol	250.000	234.934	6.0	98	0.00
12 CM	1,1-Dichloroethene	50.000	50.519	-1.0#	118	0.00
13 T	Acrolein	250.000	140.356	43.9#	59	0.00
14 T	Allyl chloride	50.000	52.272	-4.5	117	0.00
15 T	Acrylonitrile	250.000	244.849	2.1	102	0.00
16 T	Acetone	250.000	245.359	1.9	117	0.00
17 T	Carbon Disulfide	50.000	49.307	1.4	112	0.00
18 T	Methyl Acetate	50.000	51.186	-2.4	107	0.00
19 T	Methyl tert-butyl Ether	50.000	54.609	-9.2	117	0.00
20 T	Methylene Chloride	50.000	59.333	-18.7	130	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.510	-1.0	114	0.00
22 T	Diisopropyl ether	50.000	55.824	-11.6	121	0.00
23 T	Vinyl Acetate	250.000	267.247	-6.9	113	0.00
24 P	1,1-Dichloroethane	50.000	52.291	-4.6	118	0.00
25 T	2-Butanone	250.000	260.886	-4.4	106	0.00
26 T	2,2-Dichloropropane	50.000	51.113	-2.2	115	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.636	-5.3	117	0.00
28 T	Bromochloromethane	50.000	51.462	-2.9	114	0.00
29 T	Tetrahydrofuran	250.000	252.916	-1.2	104	0.00
30 C	Chloroform	50.000	51.845	-3.7#	115	0.00
31 T	Cyclohexane	50.000	50.354	-0.7	120	0.00
32 T	1,1,1-Trichloroethane	50.000	51.366	-2.7	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.778	2.4	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35 S	Dibromofluoromethane	50.000	50.475	-1.0	108	0.00
36 T	1,1-Dichloropropene	50.000	53.667	-7.3	119	0.00
37 T	Ethyl Acetate	50.000	49.147	1.7	103	0.00
38 T	Carbon Tetrachloride	50.000	52.716	-5.4	117	0.00
39 T	Methylcyclohexane	50.000	54.187	-8.4	120	0.00
40 TM	Benzene	50.000	53.067	-6.1	115	0.00
41 T	Methacrylonitrile	50.000	53.907	-7.8	105	0.00
42 TM	1,2-Dichloroethane	50.000	52.705	-5.4	114	0.00
43 T	Isopropyl Acetate	50.000	53.059	-6.1	109	0.00
44 TM	Trichloroethene	50.000	49.991	0.0	108	0.00
45 C	1,2-Dichloropropane	50.000	53.733	-7.5#	117	0.00
46 T	Dibromomethane	50.000	53.029	-6.1	113	0.00
47 T	Bromodichloromethane	50.000	54.724	-9.4	117	0.00
48 T	Methyl methacrylate	50.000	52.401	-4.8	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1059.780	-6.0	113	0.00
50 S	Toluene-d8	50.000	50.707	-1.4	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	264.687	-5.9	107	0.00
52 CM	Toluene	50.000	54.087	-8.2#	118	0.00
53 T	t-1,3-Dichloropropene	50.000	56.253	-12.5	116	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.150	-12.3	119	0.00
55 T	1,1,2-Trichloroethane	50.000	53.040	-6.1	113	0.00
56 T	Ethyl methacrylate	50.000	57.193	-14.4	115	0.00
57 T	1,3-Dichloropropane	50.000	54.227	-8.5	118	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	230.437	7.8	93	0.00
59 T	2-Hexanone	250.000	273.918	-9.6	107	0.00
60 T	Dibromochloromethane	50.000	53.437	-6.9	110	0.00
61 T	1,2-Dibromoethane	50.000	52.626	-5.3	111	0.00
62 S	4-Bromofluorobenzene	50.000	51.310	-2.6	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	50.476	-1.0	108	0.00
65 PM	Chlorobenzene	50.000	54.120	-8.2	115	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.724	-9.4	113	0.00
67 C	Ethyl Benzene	50.000	55.536	-11.1#	116	0.00
68 T	m/p-Xylenes	100.000	113.445	-13.4	118	0.00
69 T	o-Xylene	50.000	57.372	-14.7	117	0.00
70 T	Styrene	50.000	55.530	-11.1	111	0.00
71 P	Bromoform	50.000	51.797	-3.6	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	56.847	-13.7	116	0.00
74 T	N-amyl acetate	50.000	59.970	-19.9	115	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.777	-9.6	109	0.00
76 T	1,2,3-Trichloropropane	50.000	52.852	-5.7	104	0.00
77 T	Bromobenzene	50.000	55.136	-10.3	119	0.00
78 T	n-propylbenzene	50.000	58.086	-16.2	118	0.00
79 T	2-Chlorotoluene	50.000	57.014	-14.0	116	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.838	-15.7	115	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.764	-13.5	108	0.00
82 T	4-Chlorotoluene	50.000	56.028	-12.1	114	0.00
83 T	tert-Butylbenzene	50.000	57.715	-15.4	119	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.291	-14.6	117	0.00
85 T	sec-Butylbenzene	50.000	57.987	-16.0	117	0.00
86 T	p-Isopropyltoluene	50.000	58.717	-17.4	119	0.00
87 T	1,3-Dichlorobenzene	50.000	52.604	-5.2	109	0.00
88 T	1,4-Dichlorobenzene	50.000	51.878	-3.8	106	0.00
89 T	n-Butylbenzene	50.000	57.705	-15.4	117	0.00
90 T	Hexachloroethane	50.000	54.720	-9.4	111	0.00
91 T	1,2-Dichlorobenzene	50.000	52.908	-5.8	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.471	-4.9	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.930	-9.9	113	0.00
94 T	Hexachlorobutadiene	50.000	55.092	-10.2	123	0.00
95 T	Naphthalene	50.000	56.091	-12.2	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.834	-9.7	112	0.00

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