

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
 Data File : VW031985.D
 Acq On : 01 Aug 2025 14:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 01 23:14:07 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	40.744	18.5	82	0.00
3 P	Chloromethane	50.000	50.923	-1.8	108	0.00
4 C	Vinyl Chloride	50.000	43.257	13.5#	84	0.00
5 T	Bromomethane	50.000	50.641	-1.3	103	0.00
6 T	Chloroethane	50.000	51.463	-2.9	104	0.00
7 T	Trichlorofluoromethane	50.000	44.646	10.7	80	0.00
8 T	Diethyl Ether	50.000	51.017	-2.0	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.656	2.7	96	-0.01
10 T	Methyl Iodide	50.000	49.948	0.1	101	0.00
11 T	Tert butyl alcohol	250.000	269.895	-8.0	107	0.00
12 CM	1,1-Dichloroethene	50.000	48.279	3.4#	96	0.00
13 T	Acrolein	250.000	59.470	76.2#	30	0.00
14 T	Allyl chloride	50.000	48.945	2.1	97	0.00
15 T	Acrylonitrile	250.000	276.667	-10.7	110	0.00
16 T	Acetone	250.000	230.752	7.7	97	0.00
17 T	Carbon Disulfide	50.000	50.293	-0.6	99	0.00
18 T	Methyl Acetate	50.000	59.246	-18.5	119	0.00
19 T	Methyl tert-butyl Ether	50.000	54.928	-9.9	108	0.00
20 T	Methylene Chloride	50.000	49.650	0.7	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.489	-1.0	100	0.00
22 T	Diisopropyl ether	50.000	52.366	-4.7	102	0.00
23 T	Vinyl Acetate	250.000	267.245	-6.9	103	0.00
24 P	1,1-Dichloroethane	50.000	51.816	-3.6	102	0.00
25 T	2-Butanone	250.000	266.658	-6.7	107	0.00
26 T	2,2-Dichloropropane	50.000	47.176	5.6	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.267	-4.5	102	0.00
28 T	Bromochloromethane	50.000	48.733	2.5	97	0.00
29 T	Tetrahydrofuran	250.000	281.470	-12.6	110	0.00
30 C	Chloroform	50.000	52.030	-4.1#	104	0.00
31 T	Cyclohexane	50.000	45.650	8.7	93	0.00
32 T	1,1,1-Trichloroethane	50.000	49.245	1.5	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.980	4.0	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	47.397	5.2	99	0.00
36 T	1,1-Dichloropropene	50.000	46.862	6.3	96	0.00
37 T	Ethyl Acetate	50.000	53.262	-6.5	107	0.00
38 T	Carbon Tetrachloride	50.000	46.827	6.3	95	0.00
39 T	Methylcyclohexane	50.000	46.376	7.2	93	0.00
40 TM	Benzene	50.000	50.349	-0.7	103	0.00
41 T	Methacrylonitrile	50.000	52.578	-5.2	105	0.00
42 TM	1,2-Dichloroethane	50.000	50.091	-0.2	103	0.00
43 T	Isopropyl Acetate	50.000	52.561	-5.1	107	0.00
44 TM	Trichloroethene	50.000	49.283	1.4	100	0.00
45 C	1,2-Dichloropropane	50.000	50.111	-0.2#	104	0.00
46 T	Dibromomethane	50.000	52.955	-5.9	108	0.00
47 T	Bromodichloromethane	50.000	51.290	-2.6	106	0.00
48 T	Methyl methacrylate	50.000	54.104	-8.2	109	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1248.792	-24.9	110	0.00
50 S	Toluene-d8	50.000	46.115	7.8	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	276.474	-10.6	111	0.00
52 CM	Toluene	50.000	50.282	-0.6#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	51.126	-2.3	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.145	-2.3	103	0.00
55 T	1,1,2-Trichloroethane	50.000	54.145	-8.3	111	0.00
56 T	Ethyl methacrylate	50.000	54.717	-9.4	107	0.00
57 T	1,3-Dichloropropane	50.000	52.261	-4.5	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	243.681	2.5	97	0.00
59 T	2-Hexanone	250.000	274.174	-9.7	110	0.00
60 T	Dibromochloromethane	50.000	52.497	-5.0	107	0.00
61 T	1,2-Dibromoethane	50.000	53.118	-6.2	108	0.00
62 S	4-Bromofluorobenzene	50.000	46.896	6.2	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	47.091	5.8	102	0.00
65 PM	Chlorobenzene	50.000	48.717	2.6	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.944	0.1	107	0.00
67 C	Ethyl Benzene	50.000	48.521	3.0#	100	0.00
68 T	m/p-Xylenes	100.000	96.758	3.2	101	0.00
69 T	o-Xylene	50.000	49.214	1.6	101	0.00
70 T	Styrene	50.000	49.707	0.6	102	0.00
71 P	Bromoform	50.000	51.754	-3.5	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	46.792	6.4	97	0.00
74 T	N-ethyl acetate	50.000	52.039	-4.1	108	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.882	-3.8	110	0.00
76 T	1,2,3-Trichloropropane	50.000	49.942	0.1	105	0.00
77 T	Bromobenzene	50.000	51.396	-2.8	112	0.00
78 T	n-propylbenzene	50.000	46.224	7.6	97	0.00
79 T	2-Chlorotoluene	50.000	47.352	5.3	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.080	3.8	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.698	2.6	102	0.00
82 T	4-Chlorotoluene	50.000	47.686	4.6	102	0.00
83 T	tert-Butylbenzene	50.000	46.614	6.8	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.353	3.3	102	0.00
85 T	sec-Butylbenzene	50.000	45.541	8.9	97	0.00
86 T	p-Isopropyltoluene	50.000	47.816	4.4	101	0.00
87 T	1,3-Dichlorobenzene	50.000	48.589	2.8	105	0.00
88 T	1,4-Dichlorobenzene	50.000	48.244	3.5	107	0.00
89 T	n-Butylbenzene	50.000	45.780	8.4	95	0.00
90 T	Hexachloroethane	50.000	45.823	8.4	100	0.00
91 T	1,2-Dichlorobenzene	50.000	48.979	2.0	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.583	-1.2	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.847	4.3	107	0.00
94 T	Hexachlorobutadiene	50.000	46.164	7.7	98	0.00
95 T	Naphthalene	50.000	52.274	-4.5	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.060	1.9	105	0.00

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