

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080725\
 Data File : VW032050.D
 Acq On : 07 Aug 2025 16:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 08 04:12:43 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	43.639	12.7	86	0.00
3 P	Chloromethane	50.000	48.071	3.9	101	0.00
4 C	Vinyl Chloride	50.000	48.557	2.9#	93	0.00
5 T	Bromomethane	50.000	51.088	-2.2	102	-0.01
6 T	Chloroethane	50.000	50.972	-1.9	101	-0.01
7 T	Trichlorofluoromethane	50.000	42.581	14.8	75	-0.01
8 T	Diethyl Ether	50.000	50.759	-1.5	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.049	1.9	96	-0.01
10 T	Methyl Iodide	50.000	49.510	1.0	98	0.00
11 T	Tert butyl alcohol	250.000	296.695	-18.7	115	0.00
12 CM	1,1-Dichloroethene	50.000	49.361	1.3#	97	0.00
13 T	Acrolein	250.000	37.270	85.1#	20	0.00
14 T	Allyl chloride	50.000	48.126	3.7	94	0.00
15 T	Acrylonitrile	250.000	287.253	-14.9	113	0.00
16 T	Acetone	250.000	241.214	3.5	99	0.00
17 T	Carbon Disulfide	50.000	48.512	3.0	94	0.00
18 T	Methyl Acetate	50.000	69.702	-39.4#	138	0.00
19 T	Methyl tert-butyl Ether	50.000	55.100	-10.2	107	0.00
20 T	Methylene Chloride	50.000	55.229	-10.5	106	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.735	0.5	97	0.00
22 T	Diisopropyl ether	50.000	51.634	-3.3	99	0.00
23 T	Vinyl Acetate	250.000	254.433	-1.8	97	0.00
24 P	1,1-Dichloroethane	50.000	51.018	-2.0	99	0.00
25 T	2-Butanone	250.000	282.642	-13.1	112	0.00
26 T	2,2-Dichloropropane	50.000	45.558	8.9	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.694	-5.4	101	0.00
28 T	Bromochloromethane	50.000	48.806	2.4	96	0.00
29 T	Tetrahydrofuran	250.000	291.077	-16.4	112	0.00
30 C	Chloroform	50.000	52.980	-6.0#	104	0.00
31 T	Cyclohexane	50.000	45.745	8.5	92	0.00
32 T	1,1,1-Trichloroethane	50.000	49.704	0.6	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.468	-2.9	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	54.198	-8.4	106	0.00
36 T	1,1-Dichloropropene	50.000	50.518	-1.0	97	0.00
37 T	Ethyl Acetate	50.000	54.377	-8.8	103	0.00
38 T	Carbon Tetrachloride	50.000	50.638	-1.3	96	0.00
39 T	Methylcyclohexane	50.000	48.758	2.5	91	0.00
40 TM	Benzene	50.000	52.256	-4.5	100	0.00
41 T	Methacrylonitrile	50.000	58.147	-16.3	108	0.00
42 TM	1,2-Dichloroethane	50.000	52.716	-5.4	102	0.00
43 T	Isopropyl Acetate	50.000	54.563	-9.1	104	0.00
44 TM	Trichloroethene	50.000	52.698	-5.4	100	0.00
45 C	1,2-Dichloropropane	50.000	52.997	-6.0#	103	0.00
46 T	Dibromomethane	50.000	54.060	-8.1	104	0.00
47 T	Bromodichloromethane	50.000	53.810	-7.6	104	0.00
48 T	Methyl methacrylate	50.000	57.712	-15.4	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1490.809	-49.1#	123	0.00
50 S	Toluene-d8	50.000	52.569	-5.1	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	294.463	-17.8	110	0.00
52 CM	Toluene	50.000	52.714	-5.4#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	53.294	-6.6	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.790	-3.6	98	0.00
55 T	1,1,2-Trichloroethane	50.000	55.729	-11.5	107	0.00
56 T	Ethyl methacrylate	50.000	57.981	-16.0	106	0.00
57 T	1,3-Dichloropropane	50.000	54.282	-8.6	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.814	-0.7	94	0.00
59 T	2-Hexanone	250.000	298.771	-19.5	112	0.00
60 T	Dibromochloromethane	50.000	55.617	-11.2	106	0.00
61 T	1,2-Dibromoethane	50.000	55.551	-11.1	106	0.00
62 S	4-Bromofluorobenzene	50.000	52.613	-5.2	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	51.125	-2.3	105	0.00
65 PM	Chlorobenzene	50.000	50.995	-2.0	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.754	-5.5	107	0.00
67 C	Ethyl Benzene	50.000	50.905	-1.8#	99	0.00
68 T	m/p-Xylenes	100.000	102.541	-2.5	102	0.00
69 T	o-Xylene	50.000	51.874	-3.7	101	0.00
70 T	Styrene	50.000	53.754	-7.5	104	0.00
71 P	Bromoform	50.000	55.424	-10.8	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	49.484	1.0	95	0.00
74 T	N-ethyl acetate	50.000	54.104	-8.2	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.960	-11.9	110	0.00
76 T	1,2,3-Trichloropropane	50.000	55.920	-11.8	109	0.00
77 T	Bromobenzene	50.000	53.963	-7.9	109	0.00
78 T	n-propylbenzene	50.000	50.645	-1.3	99	0.00
79 T	2-Chlorotoluene	50.000	51.423	-2.8	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.932	0.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.483	-7.0	104	0.00
82 T	4-Chlorotoluene	50.000	51.219	-2.4	102	0.00
83 T	tert-Butylbenzene	50.000	50.285	-0.6	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.435	-2.9	100	0.00
85 T	sec-Butylbenzene	50.000	49.101	1.8	97	0.00
86 T	p-Isopropyltoluene	50.000	49.551	0.9	97	0.00
87 T	1,3-Dichlorobenzene	50.000	52.428	-4.9	105	0.00
88 T	1,4-Dichlorobenzene	50.000	52.524	-5.0	108	0.00
89 T	n-Butylbenzene	50.000	49.608	0.8	96	0.00
90 T	Hexachloroethane	50.000	48.983	2.0	99	0.00
91 T	1,2-Dichlorobenzene	50.000	53.728	-7.5	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.737	-9.5	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.172	-2.3	106	0.00
94 T	Hexachlorobutadiene	50.000	47.282	5.4	93	0.00
95 T	Naphthalene	50.000	56.111	-12.2	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.135	-14.3	113	0.00

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