

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032080.D
 Acq On : 14 Aug 2025 09:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 18 03:44:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	49.784	0.4	99	0.00
3 P	Chloromethane	50.000	44.563	10.9	92	0.00
4 C	Vinyl Chloride	50.000	47.634	4.7#	98	0.00
5 T	Bromomethane	50.000	53.858	-7.7	107	0.00
6 T	Chloroethane	50.000	51.208	-2.4	101	0.00
7 T	Trichlorofluoromethane	50.000	57.752	-15.5	109	0.00
8 T	Diethyl Ether	50.000	54.020	-8.0	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.292	-10.6	110	0.01
10 T	Methyl Iodide	50.000	51.502	-3.0	101	0.00
11 T	Tert butyl alcohol	250.000	241.851	3.3	84	0.00
12 CM	1,1-Dichloroethene	50.000	54.052	-8.1#	107	0.00
13 T	Acrolein	250.000	146.845	41.3#	58	0.00
14 T	Allyl chloride	50.000	45.111	9.8	87	0.00
15 T	Acrylonitrile	250.000	253.370	-1.3	90	0.00
16 T	Acetone	250.000	295.783	-18.3	114	0.00
17 T	Carbon Disulfide	50.000	45.000	10.0	88	0.00
18 T	Methyl Acetate	50.000	50.516	-1.0	90	0.00
19 T	Methyl tert-butyl Ether	50.000	50.329	-0.7	91	0.00
20 T	Methylene Chloride	50.000	42.955	14.1	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.080	-0.2	96	0.00
22 T	Diisopropyl ether	50.000	49.971	0.1	92	0.00
23 T	Vinyl Acetate	250.000	268.547	-7.4	95	0.00
24 P	1,1-Dichloroethane	50.000	49.263	1.5	95	0.00
25 T	2-Butanone	250.000	271.199	-8.5	95	0.00
26 T	2,2-Dichloropropane	50.000	49.956	0.1	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.787	-3.6	98	0.00
28 T	Bromochloromethane	50.000	47.126	5.7	88	0.00
29 T	Tetrahydrofuran	250.000	261.846	-4.7	90	0.00
30 C	Chloroform	50.000	53.058	-6.1#	101	0.00
31 T	Cyclohexane	50.000	45.011	10.0	90	0.00
32 T	1,1,1-Trichloroethane	50.000	51.378	-2.8	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.347	-0.7	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	53.483	-7.0	96	0.00
36 T	1,1-Dichloropropene	50.000	53.016	-6.0	94	0.00
37 T	Ethyl Acetate	50.000	58.145	-16.3	96	0.00
38 T	Carbon Tetrachloride	50.000	58.281	-16.6	104	0.00
39 T	Methylcyclohexane	50.000	52.018	-4.0	91	0.00
40 TM	Benzene	50.000	53.892	-7.8	94	0.00
41 T	Methacrylonitrile	50.000	54.674	-9.3	90	0.00
42 TM	1,2-Dichloroethane	50.000	57.820	-15.6	102	0.00
43 T	Isopropyl Acetate	50.000	57.148	-14.3	95	0.00
44 TM	Trichloroethene	50.000	56.237	-12.5	101	0.00
45 C	1,2-Dichloropropane	50.000	53.705	-7.4#	95	0.00
46 T	Dibromomethane	50.000	58.920	-17.8	103	0.00
47 T	Bromodichloromethane	50.000	57.226	-14.5	99	0.00
48 T	Methyl methacrylate	50.000	55.521	-11.0	90	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	1132.752	-13.3	90	0.00
50 S	Toluene-d8	50.000	51.355	-2.7	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	298.600	-19.4	97	0.00
52 CM	Toluene	50.000	54.839	-9.7#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	55.768	-11.5	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.997	-10.0	93	0.00
55 T	1,1,2-Trichloroethane	50.000	56.613	-13.2	99	0.00
56 T	Ethyl methacrylate	50.000	56.621	-13.2	92	0.00
57 T	1,3-Dichloropropane	50.000	54.740	-9.5	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	256.070	-2.4	84	0.00
59 T	2-Hexanone	250.000	303.226	-21.3	96	0.00
60 T	Dibromochloromethane	50.000	60.364	-20.7	105	0.00
61 T	1,2-Dibromoethane	50.000	58.108	-16.2	101	0.00
62 S	4-Bromofluorobenzene	50.000	50.275	-0.5	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	57.783	-15.6	107	0.00
65 PM	Chlorobenzene	50.000	55.882	-11.8	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.241	-16.5	104	0.00
67 C	Ethyl Benzene	50.000	54.505	-9.0#	96	0.00
68 T	m/p-Xylenes	100.000	112.646	-12.6	98	0.00
69 T	o-Xylene	50.000	58.137	-16.3	100	0.00
70 T	Styrene	50.000	57.835	-15.7	99	0.00
71 P	Bromoform	50.000	63.831	-27.7#	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	52.307	-4.6	98	0.00
74 T	N-amyl acetate	50.000	55.601	-11.2	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.197	-4.4	97	0.00
76 T	1,2,3-Trichloropropane	50.000	47.043	5.9	81	0.00
77 T	Bromobenzene	50.000	53.753	-7.5	100	0.00
78 T	n-propylbenzene	50.000	53.406	-6.8	100	0.00
79 T	2-Chlorotoluene	50.000	51.172	-2.3	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.983	-8.0	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.402	-0.8	89	0.00
82 T	4-Chlorotoluene	50.000	51.725	-3.5	98	0.00
83 T	tert-Butylbenzene	50.000	54.905	-9.8	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.062	-6.1	98	0.00
85 T	sec-Butylbenzene	50.000	51.695	-3.4	97	0.00
86 T	p-Isopropyltoluene	50.000	53.502	-7.0	98	0.00
87 T	1,3-Dichlorobenzene	50.000	56.169	-12.3	104	0.00
88 T	1,4-Dichlorobenzene	50.000	54.595	-9.2	107	0.00
89 T	n-Butylbenzene	50.000	53.618	-7.2	99	0.00
90 T	Hexachloroethane	50.000	51.649	-3.3	101	0.00
91 T	1,2-Dichlorobenzene	50.000	56.464	-12.9	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.473	-4.9	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.052	-10.1	105	0.00
94 T	Hexachlorobutadiene	50.000	57.968	-15.9	118	0.00
95 T	Naphthalene	50.000	57.653	-15.3	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.917	-13.8	109	0.00

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