

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032107.D
 Acq On : 22 Aug 2025 12:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 25 03:50:17 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	48.758	2.5	106	0.00
3 P	Chloromethane	50.000	40.813	18.4	92	0.00
4 C	Vinyl Chloride	50.000	46.752	6.5#	106	0.00
5 T	Bromomethane	50.000	50.395	-0.8	110	0.00
6 T	Chloroethane	50.000	48.829	2.3	105	0.00
7 T	Trichlorofluoromethane	50.000	52.330	-4.7	108	0.00
8 T	Diethyl Ether	50.000	47.343	5.3	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.865	-9.7	120	0.00
10 T	Methyl Iodide	50.000	48.466	3.1	104	0.00
11 T	Tert butyl alcohol	250.000	222.440	11.0	85	0.00
12 CM	1,1-Dichloroethene	50.000	52.763	-5.5#	114	0.00
13 T	Acrolein	250.000	82.547	67.0#	36	0.00
14 T	Allyl chloride	50.000	44.575	10.8	94	0.00
15 T	Acrylonitrile	250.000	224.373	10.3	88	0.00
16 T	Acetone	250.000	280.521	-12.2	118	0.00
17 T	Carbon Disulfide	50.000	44.096	11.8	95	0.00
18 T	Methyl Acetate	50.000	42.773	14.5	84	-0.01
19 T	Methyl tert-butyl Ether	50.000	47.078	5.8	94	0.00
20 T	Methylene Chloride	50.000	42.619	14.8	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.559	4.9	100	0.00
22 T	Diisopropyl ether	50.000	46.165	7.7	93	0.00
23 T	Vinyl Acetate	250.000	245.711	1.7	95	0.00
24 P	1,1-Dichloroethane	50.000	46.152	7.7	97	0.00
25 T	2-Butanone	250.000	231.522	7.4	89	0.00
26 T	2,2-Dichloropropane	50.000	50.603	-1.2	107	-0.01
27 T	cis-1,2-Dichloroethene	50.000	48.478	3.0	100	0.00
28 T	Bromochloromethane	50.000	43.473	13.1	89	0.00
29 T	Tetrahydrofuran	250.000	230.658	7.7	87	0.00
30 C	Chloroform	50.000	49.220	1.6#	103	0.00
31 T	Cyclohexane	50.000	44.080	11.8	97	0.00
32 T	1,1,1-Trichloroethane	50.000	50.388	-0.8	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.861	8.3	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	50.486	-1.0	95	0.00
36 T	1,1-Dichloropropene	50.000	54.296	-8.6	100	0.00
37 T	Ethyl Acetate	50.000	53.670	-7.3	93	0.00
38 T	Carbon Tetrachloride	50.000	60.331	-20.7	112	0.00
39 T	Methylcyclohexane	50.000	54.191	-8.4	99	0.00
40 TM	Benzene	50.000	52.545	-5.1	96	0.00
41 T	Methacrylonitrile	50.000	54.938	-9.9	95	0.00
42 TM	1,2-Dichloroethane	50.000	54.779	-9.6	101	0.00
43 T	Isopropyl Acetate	50.000	53.753	-7.5	93	0.00
44 TM	Trichloroethene	50.000	53.290	-6.6	101	0.00
45 C	1,2-Dichloropropane	50.000	51.359	-2.7#	94	0.00
46 T	Dibromomethane	50.000	53.899	-7.8	99	0.00
47 T	Bromodichloromethane	50.000	54.482	-9.0	99	0.00
48 T	Methyl methacrylate	50.000	52.043	-4.1	88	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	1102.542	-10.3	91	0.00
50 S	Toluene-d8	50.000	50.634	-1.3	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.556	-8.6	92	0.00
52 CM	Toluene	50.000	54.434	-8.9#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	53.789	-7.6	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.160	-6.3	94	0.00
55 T	1,1,2-Trichloroethane	50.000	53.009	-6.0	96	0.00
56 T	Ethyl methacrylate	50.000	54.076	-8.2	92	0.00
57 T	1,3-Dichloropropane	50.000	51.484	-3.0	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.848	0.1	85	0.00
59 T	2-Hexanone	250.000	276.045	-10.4	92	0.00
60 T	Dibromochloromethane	50.000	56.972	-13.9	104	0.00
61 T	1,2-Dibromoethane	50.000	53.033	-6.1	96	0.00
62 S	4-Bromofluorobenzene	50.000	48.916	2.2	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	57.415	-14.8	110	0.00
65 PM	Chlorobenzene	50.000	53.999	-8.0	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.955	-15.9	107	0.00
67 C	Ethyl Benzene	50.000	56.401	-12.8#	103	0.00
68 T	m/p-Xylenes	100.000	115.123	-15.1	104	0.00
69 T	o-Xylene	50.000	57.247	-14.5	102	0.00
70 T	Styrene	50.000	55.976	-12.0	100	0.00
71 P	Bromoform	50.000	62.328	-24.7	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	54.561	-9.1	104	0.00
74 T	N-ethyl acetate	50.000	53.569	-7.1	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.800	-1.6	96	0.00
76 T	1,2,3-Trichloropropane	50.000	45.386	9.2	80	0.00
77 T	Bromobenzene	50.000	55.667	-11.3	106	0.00
78 T	n-propylbenzene	50.000	56.074	-12.1	107	0.00
79 T	2-Chlorotoluene	50.000	52.885	-5.8	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.770	-9.5	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.236	1.5	89	0.00
82 T	4-Chlorotoluene	50.000	51.180	-2.4	99	0.00
83 T	tert-Butylbenzene	50.000	58.520	-17.0	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.365	-10.7	104	0.00
85 T	sec-Butylbenzene	50.000	56.380	-12.8	108	0.00
86 T	p-Isopropyltoluene	50.000	56.029	-12.1	105	0.00
87 T	1,3-Dichlorobenzene	50.000	56.714	-13.4	107	0.00
88 T	1,4-Dichlorobenzene	50.000	55.149	-10.3	110	0.00
89 T	n-Butylbenzene	50.000	57.394	-14.8	108	0.00
90 T	Hexachloroethane	50.000	56.062	-12.1	112	0.00
91 T	1,2-Dichlorobenzene	50.000	54.146	-8.3	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.202	1.6	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.434	-10.9	108	0.00
94 T	Hexachlorobutadiene	50.000	57.418	-14.8	119	0.00
95 T	Naphthalene	50.000	52.621	-5.2	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.921	-9.8	107	0.00

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