

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032204.D
 Acq On : 19 Sep 2025 09:38
 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: Sep 19 23:03:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 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	93	-0.01
2 T	Dichlorodifluoromethane	50.000	47.973	4.1	94	0.00
3 P	Chloromethane	50.000	52.480	-5.0	99	0.00
4 C	Vinyl Chloride	50.000	55.364	-10.7#	104	0.00
5 T	Bromomethane	50.000	51.367	-2.7	103	0.00
6 T	Chloroethane	50.000	55.885	-11.8	104	0.00
7 T	Trichlorofluoromethane	50.000	51.781	-3.6	89	0.00
8 T	Diethyl Ether	50.000	55.385	-10.8	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.082	-12.2	104	-0.01
10 T	Methyl Iodide	50.000	45.218	9.6	86	-0.01
11 T	Tert butyl alcohol	250.000	238.585	4.6	88	0.00
12 CM	1,1-Dichloroethene	50.000	55.769	-11.5#	102	0.00
13 T	Acrolein	250.000	52.567	79.0#	20	0.00
14 T	Allyl chloride	50.000	49.910	0.2	91	0.00
15 T	Acrylonitrile	250.000	257.364	-2.9	95	0.00
16 T	Acetone	250.000	277.412	-11.0	102	0.00
17 T	Carbon Disulfide	50.000	46.753	6.5	85	0.00
18 T	Methyl Acetate	50.000	59.940	-19.9	107	0.00
19 T	Methyl tert-butyl Ether	50.000	50.925	-1.8	90	0.00
20 T	Methylene Chloride	50.000	48.124	3.8	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.612	0.8	89	0.00
22 T	Diisopropyl ether	50.000	52.400	-4.8	93	0.00
23 T	Vinyl Acetate	250.000	253.939	-1.6	89	0.00
24 P	1,1-Dichloroethane	50.000	50.619	-1.2	91	0.00
25 T	2-Butanone	250.000	261.028	-4.4	94	0.00
26 T	2,2-Dichloropropane	50.000	53.664	-7.3	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.469	-0.9	91	0.00
28 T	Bromochloromethane	50.000	52.111	-4.2	98	0.00
29 T	Tetrahydrofuran	250.000	262.252	-4.9	96	0.00
30 C	Chloroform	50.000	51.055	-2.1#	93	0.00
31 T	Cyclohexane	50.000	46.683	6.6	88	0.00
32 T	1,1,1-Trichloroethane	50.000	51.116	-2.2	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.677	-1.4	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	47.628	4.7	93	0.00
36 T	1,1-Dichloropropene	50.000	50.181	-0.4	90	0.00
37 T	Ethyl Acetate	50.000	48.660	2.7	90	0.00
38 T	Carbon Tetrachloride	50.000	51.209	-2.4	92	0.00
39 T	Methylcyclohexane	50.000	49.292	1.4	86	0.00
40 TM	Benzene	50.000	49.227	1.5	91	0.00
41 T	Methacrylonitrile	50.000	52.109	-4.2	100	0.00
42 TM	1,2-Dichloroethane	50.000	50.440	-0.9	94	0.00
43 T	Isopropyl Acetate	50.000	50.108	-0.2	91	0.00
44 TM	Trichloroethene	50.000	49.093	1.8	93	0.00
45 C	1,2-Dichloropropane	50.000	50.425	-0.8#	92	0.00
46 T	Dibromomethane	50.000	50.203	-0.4	96	0.00
47 T	Bromodichloromethane	50.000	50.844	-1.7	92	0.00
48 T	Methyl methacrylate	50.000	51.924	-3.8	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	976.810	2.3	90	0.00
50 S	Toluene-d8	50.000	48.291	3.4	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.826	-5.1	96	0.00
52 CM	Toluene	50.000	49.929	0.1#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	52.063	-4.1	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.954	0.1	89	0.00
55 T	1,1,2-Trichloroethane	50.000	50.216	-0.4	96	0.00
56 T	Ethyl methacrylate	50.000	50.516	-1.0	88	0.00
57 T	1,3-Dichloropropane	50.000	50.317	-0.6	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.375	-3.4	98	0.00
59 T	2-Hexanone	250.000	268.646	-7.5	97	0.00
60 T	Dibromochloromethane	50.000	49.751	0.5	90	0.00
61 T	1,2-Dibromoethane	50.000	49.669	0.7	91	0.00
62 S	4-Bromofluorobenzene	50.000	48.900	2.2	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	46.751	6.5	85	0.00
65 PM	Chlorobenzene	50.000	48.874	2.3	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.611	-3.2	94	0.00
67 C	Ethyl Benzene	50.000	50.365	-0.7#	91	0.00
68 T	m/p-Xylenes	100.000	101.535	-1.5	89	0.00
69 T	o-Xylene	50.000	49.884	0.2	88	0.00
70 T	Styrene	50.000	51.305	-2.6	91	0.00
71 P	Bromoform	50.000	50.182	-0.4	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	51.658	-3.3	91	0.00
74 T	N-amyl acetate	50.000	50.671	-1.3	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.459	-2.9	96	0.00
76 T	1,2,3-Trichloropropane	50.000	48.527	2.9	94	0.00
77 T	Bromobenzene	50.000	48.903	2.2	88	0.00
78 T	n-propylbenzene	50.000	53.049	-6.1	94	0.00
79 T	2-Chlorotoluene	50.000	50.940	-1.9	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.508	-5.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.171	-8.3	95	0.00
82 T	4-Chlorotoluene	50.000	50.265	-0.5	89	0.00
83 T	tert-Butylbenzene	50.000	52.836	-5.7	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.307	-0.6	87	0.00
85 T	sec-Butylbenzene	50.000	51.352	-2.7	89	0.00
86 T	p-Isopropyltoluene	50.000	51.290	-2.6	88	0.00
87 T	1,3-Dichlorobenzene	50.000	49.095	1.8	88	0.00
88 T	1,4-Dichlorobenzene	50.000	49.295	1.4	92	0.00
89 T	n-Butylbenzene	50.000	52.169	-4.3	90	0.00
90 T	Hexachloroethane	50.000	51.796	-3.6	94	0.00
91 T	1,2-Dichlorobenzene	50.000	51.559	-3.1	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.715	0.6	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.877	6.2	83	0.00
94 T	Hexachlorobutadiene	50.000	46.912	6.2	81	0.00
95 T	Naphthalene	50.000	50.203	-0.4	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.389	9.2	84	0.00

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