

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091825\
 Data File : VW032192.D
 Acq On : 18 Sep 2025 09:56
 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 04:30:08 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	0.00
2 T	Dichlorodifluoromethane	50.000	47.178	5.6	93	0.00
3 P	Chloromethane	50.000	53.534	-7.1	101	0.00
4 C	Vinyl Chloride	50.000	54.495	-9.0#	103	0.00
5 T	Bromomethane	50.000	51.960	-3.9	104	0.00
6 T	Chloroethane	50.000	55.512	-11.0	103	0.00
7 T	Trichlorofluoromethane	50.000	50.814	-1.6	88	0.00
8 T	Diethyl Ether	50.000	50.710	-1.4	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.708	-5.4	97	-0.01
10 T	Methyl Iodide	50.000	50.585	-1.2	96	0.00
11 T	Tert butyl alcohol	250.000	228.473	8.6	84	0.00
12 CM	1,1-Dichloroethene	50.000	52.171	-4.3#	96	0.00
13 T	Acrolein	250.000	52.440	79.0#	20	0.00
14 T	Allyl chloride	50.000	49.546	0.9	90	0.00
15 T	Acrylonitrile	250.000	244.193	2.3	90	0.00
16 T	Acetone	250.000	247.952	0.8	91	0.00
17 T	Carbon Disulfide	50.000	47.703	4.6	86	0.00
18 T	Methyl Acetate	50.000	54.999	-10.0	98	0.00
19 T	Methyl tert-butyl Ether	50.000	50.965	-1.9	90	0.00
20 T	Methylene Chloride	50.000	48.048	3.9	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.979	2.0	88	0.00
22 T	Diisopropyl ether	50.000	53.025	-6.0	94	0.00
23 T	Vinyl Acetate	250.000	251.229	-0.5	88	0.00
24 P	1,1-Dichloroethane	50.000	50.576	-1.2	91	0.00
25 T	2-Butanone	250.000	249.596	0.2	90	0.00
26 T	2,2-Dichloropropane	50.000	54.314	-8.6	94	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.399	-0.8	91	0.00
28 T	Bromochloromethane	50.000	53.075	-6.2	99	0.00
29 T	Tetrahydrofuran	250.000	247.808	0.9	90	0.00
30 C	Chloroform	50.000	51.934	-3.9#	94	0.00
31 T	Cyclohexane	50.000	47.922	4.2	91	0.00
32 T	1,1,1-Trichloroethane	50.000	51.218	-2.4	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.388	-0.8	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	48.470	3.1	94	0.00
36 T	1,1-Dichloropropene	50.000	50.288	-0.6	90	0.00
37 T	Ethyl Acetate	50.000	47.510	5.0	87	0.00
38 T	Carbon Tetrachloride	50.000	50.694	-1.4	90	0.00
39 T	Methylcyclohexane	50.000	50.985	-2.0	89	0.00
40 TM	Benzene	50.000	50.076	-0.2	92	0.00
41 T	Methacrylonitrile	50.000	49.875	0.3	96	0.00
42 TM	1,2-Dichloroethane	50.000	49.864	0.3	92	0.00
43 T	Isopropyl Acetate	50.000	49.129	1.7	89	0.00
44 TM	Trichloroethene	50.000	48.984	2.0	92	0.00
45 C	1,2-Dichloropropane	50.000	50.549	-1.1#	92	0.00
46 T	Dibromomethane	50.000	48.817	2.4	93	0.00
47 T	Bromodichloromethane	50.000	51.117	-2.2	93	0.00
48 T	Methyl methacrylate	50.000	50.592	-1.2	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	922.143	7.8	85	0.00
50 S	Toluene-d8	50.000	50.601	-1.2	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	248.606	0.6	90	0.00
52 CM	Toluene	50.000	49.501	1.0#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	50.489	-1.0	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.360	-2.7	91	0.00
55 T	1,1,2-Trichloroethane	50.000	48.754	2.5	93	0.00
56 T	Ethyl methacrylate	50.000	50.333	-0.7	87	0.00
57 T	1,3-Dichloropropane	50.000	48.600	2.8	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	264.786	-5.9	100	0.00
59 T	2-Hexanone	250.000	249.905	0.0	90	0.00
60 T	Dibromochloromethane	50.000	49.500	1.0	89	0.00
61 T	1,2-Dibromoethane	50.000	47.647	4.7	87	0.00
62 S	4-Bromofluorobenzene	50.000	48.911	2.2	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	44.043	11.9	81	0.00
65 PM	Chlorobenzene	50.000	47.343	5.3	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.881	0.2	92	0.00
67 C	Ethyl Benzene	50.000	50.238	-0.5#	92	0.00
68 T	m/p-Xylenes	100.000	101.156	-1.2	90	0.00
69 T	o-Xylene	50.000	50.478	-1.0	90	0.00
70 T	Styrene	50.000	50.820	-1.6	91	0.00
71 P	Bromoform	50.000	48.825	2.3	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	51.462	-2.9	90	0.00
74 T	N-amyl acetate	50.000	50.796	-1.6	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.801	0.4	92	0.00
76 T	1,2,3-Trichloropropane	50.000	45.755	8.5	88	0.00
77 T	Bromobenzene	50.000	49.276	1.4	88	0.00
78 T	n-propylbenzene	50.000	53.428	-6.9	94	0.00
79 T	2-Chlorotoluene	50.000	51.641	-3.3	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.780	-5.6	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.095	-2.2	89	0.00
82 T	4-Chlorotoluene	50.000	50.911	-1.8	89	0.00
83 T	tert-Butylbenzene	50.000	52.905	-5.8	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.787	-5.6	91	0.00
85 T	sec-Butylbenzene	50.000	53.168	-6.3	91	0.00
86 T	p-Isopropyltoluene	50.000	51.812	-3.6	89	0.00
87 T	1,3-Dichlorobenzene	50.000	50.063	-0.1	89	0.00
88 T	1,4-Dichlorobenzene	50.000	47.392	5.2	88	0.00
89 T	n-Butylbenzene	50.000	53.272	-6.5	92	0.00
90 T	Hexachloroethane	50.000	51.995	-4.0	94	0.00
91 T	1,2-Dichlorobenzene	50.000	49.559	0.9	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.070	3.9	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.257	5.5	83	0.00
94 T	Hexachlorobutadiene	50.000	43.606	12.8	75	0.00
95 T	Naphthalene	50.000	48.598	2.8	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.270	5.5	87	0.00

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