

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032221.D
 Acq On : 19 Sep 2025 17:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 19 23:13:21 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	43.328	13.3	82	0.00
3 P	Chloromethane	50.000	49.305	1.4	89	0.00
4 C	Vinyl Chloride	50.000	57.251	-14.5#	103	0.00
5 T	Bromomethane	50.000	53.084	-6.2	101	0.00
6 T	Chloroethane	50.000	54.117	-8.2	96	0.00
7 T	Trichlorofluoromethane	50.000	54.206	-8.4	89	0.00
8 T	Diethyl Ether	50.000	50.936	-1.9	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.053	-6.1	94	0.00
10 T	Methyl Iodide	50.000	54.160	-8.3	98	0.00
11 T	Tert butyl alcohol	250.000	239.370	4.3	84	0.00
12 CM	1,1-Dichloroethene	50.000	51.906	-3.8#	91	0.00
13 T	Acrolein	250.000	48.205	80.7#	17	0.00
14 T	Allyl chloride	50.000	52.145	-4.3	91	0.00
15 T	Acrylonitrile	250.000	267.457	-7.0	94	0.00
16 T	Acetone	250.000	225.303	9.9	79	0.00
17 T	Carbon Disulfide	50.000	48.401	3.2	84	0.00
18 T	Methyl Acetate	50.000	63.672	-27.3#	108	0.00
19 T	Methyl tert-butyl Ether	50.000	55.450	-10.9	94	0.00
20 T	Methylene Chloride	50.000	59.759	-19.5	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.577	-3.2	89	0.00
22 T	Diisopropyl ether	50.000	56.236	-12.5	95	0.00
23 T	Vinyl Acetate	250.000	261.821	-4.7	88	0.00
24 P	1,1-Dichloroethane	50.000	53.027	-6.1	91	0.00
25 T	2-Butanone	250.000	263.686	-5.5	91	0.00
26 T	2,2-Dichloropropane	50.000	52.965	-5.9	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.335	-4.7	90	0.00
28 T	Bromochloromethane	50.000	55.458	-10.9	99	0.00
29 T	Tetrahydrofuran	250.000	270.454	-8.2	94	0.00
30 C	Chloroform	50.000	53.668	-7.3#	93	0.00
31 T	Cyclohexane	50.000	48.203	3.6	87	0.00
32 T	1,1,1-Trichloroethane	50.000	53.210	-6.4	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.495	-5.0	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	51.280	-2.6	96	0.00
36 T	1,1-Dichloropropene	50.000	51.397	-2.8	89	0.00
37 T	Ethyl Acetate	50.000	51.331	-2.7	91	0.00
38 T	Carbon Tetrachloride	50.000	50.358	-0.7	87	0.00
39 T	Methylcyclohexane	50.000	51.761	-3.5	87	0.00
40 TM	Benzene	50.000	51.569	-3.1	91	0.00
41 T	Methacrylonitrile	50.000	52.338	-4.7	97	0.00
42 TM	1,2-Dichloroethane	50.000	52.042	-4.1	93	0.00
43 T	Isopropyl Acetate	50.000	52.699	-5.4	92	0.00
44 TM	Trichloroethene	50.000	50.033	-0.1	91	0.00
45 C	1,2-Dichloropropane	50.000	51.758	-3.5#	91	0.00
46 T	Dibromomethane	50.000	51.916	-3.8	95	0.00
47 T	Bromodichloromethane	50.000	52.130	-4.3	91	0.00
48 T	Methyl methacrylate	50.000	53.809	-7.6	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1035.295	-3.5	92	0.01
50 S	Toluene-d8	50.000	50.800	-1.6	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	273.152	-9.3	96	0.00
52 CM	Toluene	50.000	50.504	-1.0#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	51.897	-3.8	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.612	-3.2	88	0.00
55 T	1,1,2-Trichloroethane	50.000	51.590	-3.2	95	0.00
56 T	Ethyl methacrylate	50.000	54.084	-8.2	91	0.00
57 T	1,3-Dichloropropane	50.000	52.450	-4.9	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.796	-3.9	95	0.00
59 T	2-Hexanone	250.000	276.221	-10.5	96	0.00
60 T	Dibromochloromethane	50.000	51.013	-2.0	89	0.00
61 T	1,2-Dibromoethane	50.000	51.626	-3.3	91	0.00
62 S	4-Bromofluorobenzene	50.000	50.575	-1.2	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	45.475	9.0	83	0.00
65 PM	Chlorobenzene	50.000	49.001	2.0	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.170	1.7	90	0.00
67 C	Ethyl Benzene	50.000	51.214	-2.4#	92	0.00
68 T	m/p-Xylenes	100.000	100.765	-0.8	88	0.00
69 T	o-Xylene	50.000	50.659	-1.3	89	0.00
70 T	Styrene	50.000	52.503	-5.0	92	0.00
71 P	Bromoform	50.000	49.023	2.0	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73 T	Isopropylbenzene	50.000	52.099	-4.2	88	0.00
74 T	N-ethyl acetate	50.000	53.333	-6.7	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.686	-5.4	94	0.00
76 T	1,2,3-Trichloropropane	50.000	49.641	0.7	92	0.00
77 T	Bromobenzene	50.000	50.633	-1.3	87	0.00
78 T	n-propylbenzene	50.000	54.329	-8.7	93	0.00
79 T	2-Chlorotoluene	50.000	53.156	-6.3	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.164	-6.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.139	-2.3	86	0.00
82 T	4-Chlorotoluene	50.000	50.997	-2.0	86	0.00
83 T	tert-Butylbenzene	50.000	53.922	-7.8	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.932	-7.9	90	0.00
85 T	sec-Butylbenzene	50.000	53.409	-6.8	89	0.00
86 T	p-Isopropyltoluene	50.000	53.056	-6.1	88	0.00
87 T	1,3-Dichlorobenzene	50.000	50.082	-0.2	86	0.00
88 T	1,4-Dichlorobenzene	50.000	51.069	-2.1	92	0.00
89 T	n-Butylbenzene	50.000	54.473	-8.9	91	0.00
90 T	Hexachloroethane	50.000	51.180	-2.4	89	0.00
91 T	1,2-Dichlorobenzene	50.000	51.015	-2.0	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.274	-2.5	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.123	-2.2	87	0.00
94 T	Hexachlorobutadiene	50.000	42.231	15.5	70	0.00
95 T	Naphthalene	50.000	52.620	-5.2	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.339	3.3	86	0.00

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