

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032403.D
 Acq On : 20 Oct 2025 20:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 21 01:37:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 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	114	0.00
2 T	Dichlorodifluoromethane	50.000	41.004	18.0	111	0.00
3 P	Chloromethane	50.000	40.685	18.6	107	0.00
4 C	Vinyl Chloride	50.000	44.837	10.3#	112	0.00
5 T	Bromomethane	50.000	44.029	11.9	112	0.00
6 T	Chloroethane	50.000	45.056	9.9	110	0.00
7 T	Trichlorofluoromethane	50.000	48.267	3.5	114	0.00
8 T	Diethyl Ether	50.000	49.214	1.6	122	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.722	10.6	114	0.00
10 T	Methyl Iodide	50.000	52.299	-4.6	127	0.00
11 T	Tert butyl alcohol	250.000	248.542	0.6	128	0.00
12 CM	1,1-Dichloroethene	50.000	47.502	5.0#	117	0.00
13 T	Acrolein	250.000	75.014	70.0#	38	0.00
14 T	Allyl chloride	50.000	49.265	1.5	117	0.00
15 T	Acrylonitrile	250.000	251.146	-0.5	119	0.00
16 T	Acetone	250.000	193.462	22.6	97	0.00
17 T	Carbon Disulfide	50.000	46.263	7.5	112	0.00
18 T	Methyl Acetate	50.000	93.229	-86.5#	197	0.00
19 T	Methyl tert-butyl Ether	50.000	55.057	-10.1	130	0.00
20 T	Methylene Chloride	50.000	51.826	-3.7	125	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.502	3.0	117	0.00
22 T	Diisopropyl ether	50.000	50.103	-0.2	119	0.00
23 T	Vinyl Acetate	250.000	193.041	22.8	93	0.00
24 P	1,1-Dichloroethane	50.000	48.284	3.4	117	0.00
25 T	2-Butanone	250.000	237.024	5.2	114	0.00
26 T	2,2-Dichloropropane	50.000	48.277	3.4	117	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.759	-1.5	121	0.00
28 T	Bromochloromethane	50.000	47.732	4.5	112	0.00
29 T	Tetrahydrofuran	250.000	258.648	-3.5	119	0.00
30 C	Chloroform	50.000	49.819	0.4#	121	0.00
31 T	Cyclohexane	50.000	44.000	12.0	113	0.00
32 T	1,1,1-Trichloroethane	50.000	50.784	-1.6	123	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.128	1.7	117	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	118	0.00
35 S	Dibromofluoromethane	50.000	49.439	1.1	123	0.00
36 T	1,1-Dichloropropene	50.000	46.475	7.0	114	0.00
37 T	Ethyl Acetate	50.000	43.047	13.9	106	0.00
38 T	Carbon Tetrachloride	50.000	48.538	2.9	122	0.00
39 T	Methylcyclohexane	50.000	46.849	6.3	117	0.00
40 TM	Benzene	50.000	47.415	5.2	119	0.00
41 T	Methacrylonitrile	50.000	51.850	-3.7	122	0.00
42 TM	1,2-Dichloroethane	50.000	47.624	4.8	119	0.00
43 T	Isopropyl Acetate	50.000	47.737	4.5	117	0.00
44 TM	Trichloroethene	50.000	49.606	0.8	126	0.00
45 C	1,2-Dichloropropane	50.000	47.694	4.6#	118	0.00
46 T	Dibromomethane	50.000	49.287	1.4	121	0.00
47 T	Bromodichloromethane	50.000	50.637	-1.3	125	0.00
48 T	Methyl methacrylate	50.000	52.751	-5.5	126	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1032.859	-3.3	119	0.00
50 S	Toluene-d8	50.000	48.583	2.8	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.831	-1.5	120	0.00
52 CM	Toluene	50.000	48.227	3.5#	118	0.00
53 T	t-1,3-Dichloropropene	50.000	50.589	-1.2	122	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.197	1.6	120	0.00
55 T	1,1,2-Trichloroethane	50.000	48.577	2.8	120	0.00
56 T	Ethyl methacrylate	50.000	51.893	-3.8	123	0.00
57 T	1,3-Dichloropropane	50.000	49.632	0.7	122	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	267.642	-7.1	114	0.00
59 T	2-Hexanone	250.000	251.559	-0.6	119	0.00
60 T	Dibromochloromethane	50.000	52.370	-4.7	126	0.00
61 T	1,2-Dibromoethane	50.000	50.603	-1.2	123	0.00
62 S	4-Bromofluorobenzene	50.000	50.501	-1.0	120	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	116	0.00
64 T	Tetrachloroethene	50.000	53.802	-7.6	134	0.00
65 PM	Chlorobenzene	50.000	48.182	3.6	120	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.067	-2.1	128	0.00
67 C	Ethyl Benzene	50.000	49.492	1.0#	121	0.00
68 T	m/p-Xylenes	100.000	97.516	2.5	120	0.00
69 T	o-Xylene	50.000	51.627	-3.3	124	0.00
70 T	Styrene	50.000	51.485	-3.0	123	0.00
71 P	Bromoform	50.000	55.368	-10.7	134	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	115	0.00
73 T	Isopropylbenzene	50.000	51.575	-3.2	122	0.00
74 T	N-ethyl acetate	50.000	44.882	10.2	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.315	1.4	119	0.00
76 T	1,2,3-Trichloropropane	50.000	47.484	5.0	119	0.00
77 T	Bromobenzene	50.000	50.458	-0.9	117	0.00
78 T	n-propylbenzene	50.000	49.599	0.8	119	0.00
79 T	2-Chlorotoluene	50.000	49.647	0.7	118	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.293	-0.6	117	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.447	-6.9	119	0.00
82 T	4-Chlorotoluene	50.000	48.928	2.1	118	0.00
83 T	tert-Butylbenzene	50.000	53.733	-7.5	127	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.101	-2.2	119	0.00
85 T	sec-Butylbenzene	50.000	49.818	0.4	119	0.00
86 T	p-Isopropyltoluene	50.000	51.727	-3.5	122	0.00
87 T	1,3-Dichlorobenzene	50.000	49.201	1.6	118	0.00
88 T	1,4-Dichlorobenzene	50.000	49.117	1.8	122	0.00
89 T	n-Butylbenzene	50.000	49.204	1.6	118	0.00
90 T	Hexachloroethane	50.000	51.511	-3.0	125	0.00
91 T	1,2-Dichlorobenzene	50.000	49.100	1.8	121	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.337	-6.7	124	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.170	-8.3	135	0.00
94 T	Hexachlorobutadiene	50.000	46.554	6.9	122	0.00
95 T	Naphthalene	50.000	57.522	-15.0	131	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.836	-7.7	130	0.00

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