

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032618.D
 Acq On : 11 Dec 2025 08:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 12 00:38:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	45.420	9.2	100	0.00
3 P	Chloromethane	50.000	41.427	17.1	97	0.00
4 C	Vinyl Chloride	50.000	46.751	6.5#	102	0.00
5 T	Bromomethane	50.000	46.370	7.3	101	0.00
6 T	Chloroethane	50.000	47.804	4.4	103	0.00
7 T	Trichlorofluoromethane	50.000	49.014	2.0	102	0.00
8 T	Diethyl Ether	50.000	46.789	6.4	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.335	5.3	103	0.00
10 T	Methyl Iodide	50.000	48.228	3.5	101	0.00
11 T	Tert butyl alcohol	250.000	237.658	4.9	115	0.00
12 CM	1,1-Dichloroethene	50.000	48.876	2.2#	105	0.00
13 T	Acrolein	250.000	327.451	-31.0#	119	0.00
14 T	Allyl chloride	50.000	47.849	4.3	101	0.00
15 T	Acrylonitrile	250.000	251.171	-0.5	113	0.00
16 T	Acetone	250.000	247.814	0.9	125	0.00
17 T	Carbon Disulfide	50.000	47.482	5.0	101	0.00
18 T	Methyl Acetate	50.000	50.005	-0.0	111	0.00
19 T	Methyl tert-butyl Ether	50.000	50.851	-1.7	106	0.00
20 T	Methylene Chloride	50.000	42.240	15.5	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.980	4.0	103	0.00
22 T	Diisopropyl ether	50.000	49.733	0.5	101	0.00
23 T	Vinyl Acetate	250.000	253.847	-1.5	107	0.00
24 P	1,1-Dichloroethane	50.000	48.253	3.5	103	0.00
25 T	2-Butanone	250.000	259.311	-3.7	120	0.00
26 T	2,2-Dichloropropane	50.000	48.586	2.8	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.119	1.8	102	0.00
28 T	Bromochloromethane	50.000	52.773	-5.5	100	0.00
29 T	Tetrahydrofuran	250.000	261.023	-4.4	117	0.00
30 C	Chloroform	50.000	48.295	3.4#	102	0.00
31 T	Cyclohexane	50.000	46.523	7.0	102	0.00
32 T	1,1,1-Trichloroethane	50.000	49.167	1.7	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.296	-2.6	125	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	49.833	0.3	123	0.00
36 T	1,1-Dichloropropene	50.000	49.119	1.8	103	0.00
37 T	Ethyl Acetate	50.000	52.202	-4.4	115	0.00
38 T	Carbon Tetrachloride	50.000	49.068	1.9	104	0.00
39 T	Methylcyclohexane	50.000	48.390	3.2	99	0.00
40 TM	Benzene	50.000	48.350	3.3	103	0.00
41 T	Methacrylonitrile	50.000	51.816	-3.6	110	0.00
42 TM	1,2-Dichloroethane	50.000	48.689	2.6	105	0.00
43 T	Isopropyl Acetate	50.000	50.599	-1.2	112	0.00
44 TM	Trichloroethene	50.000	48.297	3.4	103	0.00
45 C	1,2-Dichloropropane	50.000	48.634	2.7#	103	0.00
46 T	Dibromomethane	50.000	49.868	0.3	107	0.00
47 T	Bromodichloromethane	50.000	49.137	1.7	104	0.00
48 T	Methyl methacrylate	50.000	49.087	1.8	110	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	1027.768	-2.8	121	0.00
50 S	Toluene-d8	50.000	54.055	-8.1	122	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.866	-5.1	117	0.00
52 CM	Toluene	50.000	48.150	3.7#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	49.771	0.5	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.769	2.5	102	0.00
55 T	1,1,2-Trichloroethane	50.000	49.329	1.3	107	0.00
56 T	Ethyl methacrylate	50.000	50.326	-0.7	106	0.00
57 T	1,3-Dichloropropane	50.000	49.104	1.8	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	369.417	-47.8#	170	0.00
59 T	2-Hexanone	250.000	265.154	-6.1	119	0.00
60 T	Dibromochloromethane	50.000	49.956	0.1	104	0.00
61 T	1,2-Dibromoethane	50.000	49.074	1.9	104	0.00
62 S	4-Bromofluorobenzene	50.000	52.912	-5.8	123	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	51.229	-2.5	110	0.00
65 PM	Chlorobenzene	50.000	51.126	-2.3	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.986	0.0	98	0.00
67 C	Ethyl Benzene	50.000	52.114	-4.2#	102	0.00
68 T	m/p-Xylenes	100.000	100.732	-0.7	99	0.00
69 T	o-Xylene	50.000	51.669	-3.3	100	0.00
70 T	Styrene	50.000	52.586	-5.2	103	0.00
71 P	Bromoform	50.000	52.798	-5.6	112	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	49.172	1.7	100	0.00
74 T	N-amyl acetate	50.000	50.987	-2.0	111	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.282	-0.6	111	0.00
76 T	1,2,3-Trichloropropane	50.000	50.744	-1.5	113	0.00
77 T	Bromobenzene	50.000	49.250	1.5	108	0.00
78 T	n-propylbenzene	50.000	49.581	0.8	102	0.00
79 T	2-Chlorotoluene	50.000	49.420	1.2	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.090	1.8	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.405	-16.8	115	0.00
82 T	4-Chlorotoluene	50.000	48.168	3.7	103	0.00
83 T	tert-Butylbenzene	50.000	49.178	1.6	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.685	0.6	102	0.00
85 T	sec-Butylbenzene	50.000	48.153	3.7	100	0.00
86 T	p-Isopropyltoluene	50.000	49.510	1.0	103	0.00
87 T	1,3-Dichlorobenzene	50.000	47.930	4.1	102	0.00
88 T	1,4-Dichlorobenzene	50.000	47.649	4.7	101	0.00
89 T	n-Butylbenzene	50.000	49.589	0.8	104	0.00
90 T	Hexachloroethane	50.000	48.129	3.7	100	0.00
91 T	1,2-Dichlorobenzene	50.000	49.616	0.8	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.411	3.2	114	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.654	4.7	102	0.00
94 T	Hexachlorobutadiene	50.000	47.610	4.8	100	0.00
95 T	Naphthalene	50.000	57.906	-15.8	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.761	2.5	103	0.00

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