

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120525\
 Data File : VW032572.D
 Acq On : 05 Dec 2025 11:32
 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 05 22:57:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 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	109	0.00
2 T	Dichlorodifluoromethane	50.000	39.741	20.5	99	0.00
3 P	Chloromethane	50.000	40.757	18.5	104	0.00
4 C	Vinyl Chloride	50.000	45.361	9.3#	108	0.00
5 T	Bromomethane	50.000	45.175	9.7	108	0.00
6 T	Chloroethane	50.000	45.561	8.9	106	0.00
7 T	Trichlorofluoromethane	50.000	44.546	10.9	101	0.00
8 T	Diethyl Ether	50.000	43.880	12.2	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.368	9.3	106	0.00
10 T	Methyl Iodide	50.000	47.059	5.9	111	-0.01
11 T	Tert butyl alcohol	250.000	203.373	18.7	95	0.00
12 CM	1,1-Dichloroethene	50.000	45.401	9.2#	105	0.00
13 T	Acrolein	250.000	217.462	13.0	90	0.00
14 T	Allyl chloride	50.000	46.556	6.9	106	0.00
15 T	Acrylonitrile	250.000	224.913	10.0	96	0.00
16 T	Acetone	250.000	229.078	8.4	97	0.00
17 T	Carbon Disulfide	50.000	45.882	8.2	106	0.00
18 T	Methyl Acetate	50.000	44.634	10.7	96	0.00
19 T	Methyl tert-butyl Ether	50.000	49.446	1.1	107	0.00
20 T	Methylene Chloride	50.000	40.335	19.3	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.054	7.9	106	0.00
22 T	Diisopropyl ether	50.000	47.491	5.0	103	-0.01
23 T	Vinyl Acetate	250.000	237.829	4.9	100	0.00
24 P	1,1-Dichloroethane	50.000	45.689	8.6	105	0.00
25 T	2-Butanone	250.000	221.800	11.3	94	0.00
26 T	2,2-Dichloropropane	50.000	46.647	6.7	112	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.157	7.7	105	0.00
28 T	Bromochloromethane	50.000	41.111	17.8	89	0.00
29 T	Tetrahydrofuran	250.000	227.536	9.0	92	0.00
30 C	Chloroform	50.000	45.024	10.0#	105	0.00
31 T	Cyclohexane	50.000	45.039	9.9	106	0.00
32 T	1,1,1-Trichloroethane	50.000	45.902	8.2	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.951	10.1	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35 S	Dibromofluoromethane	50.000	48.390	3.2	103	0.00
36 T	1,1-Dichloropropene	50.000	48.722	2.6	105	0.00
37 T	Ethyl Acetate	50.000	46.658	6.7	95	0.00
38 T	Carbon Tetrachloride	50.000	48.072	3.9	107	0.00
39 T	Methylcyclohexane	50.000	50.039	-0.1	105	0.00
40 TM	Benzene	50.000	47.499	5.0	104	0.00
41 T	Methacrylonitrile	50.000	48.853	2.3	91	0.00
42 TM	1,2-Dichloroethane	50.000	46.897	6.2	101	0.00
43 T	Isopropyl Acetate	50.000	47.522	5.0	96	0.00
44 TM	Trichloroethene	50.000	47.181	5.6	104	0.00
45 C	1,2-Dichloropropane	50.000	46.782	6.4#	102	0.00
46 T	Dibromomethane	50.000	47.005	6.0	100	0.00
47 T	Bromodichloromethane	50.000	47.079	5.8	102	0.00
48 T	Methyl methacrylate	50.000	53.571	-7.1	98	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	990.451	1.0	96	0.00
50 S	Toluene-d8	50.000	49.625	0.8	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	237.201	5.1	94	0.00
52 CM	Toluene	50.000	49.081	1.8#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	49.367	1.3	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.289	1.4	105	0.00
55 T	1,1,2-Trichloroethane	50.000	45.990	8.0	99	0.00
56 T	Ethyl methacrylate	50.000	49.628	0.7	97	0.00
57 T	1,3-Dichloropropane	50.000	47.082	5.8	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	199.328	20.3	77	0.00
59 T	2-Hexanone	250.000	240.132	3.9	92	0.00
60 T	Dibromochloromethane	50.000	47.443	5.1	104	0.00
61 T	1,2-Dibromoethane	50.000	47.264	5.5	101	0.00
62 S	4-Bromofluorobenzene	50.000	48.435	3.1	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	47.292	5.4	103	0.00
65 PM	Chlorobenzene	50.000	48.100	3.8	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.415	3.2	101	0.00
67 C	Ethyl Benzene	50.000	49.983	0.0#	103	0.00
68 T	m/p-Xylenes	100.000	100.739	-0.7	103	0.00
69 T	o-Xylene	50.000	51.253	-2.5	101	0.00
70 T	Styrene	50.000	49.575	0.8	100	0.00
71 P	Bromoform	50.000	47.522	5.0	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	53.023	-6.0	104	0.00
74 T	N-ethyl acetate	50.000	50.256	-0.5	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.843	4.3	94	0.00
76 T	1,2,3-Trichloropropane	50.000	45.781	8.4	94	0.00
77 T	Bromobenzene	50.000	51.394	-2.8	107	0.00
78 T	n-propylbenzene	50.000	51.606	-3.2	102	0.00
79 T	2-Chlorotoluene	50.000	51.453	-2.9	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.839	-3.7	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.189	-0.4	92	0.00
82 T	4-Chlorotoluene	50.000	49.334	1.3	99	0.00
83 T	tert-Butylbenzene	50.000	53.726	-7.5	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.116	-4.2	103	0.00
85 T	sec-Butylbenzene	50.000	51.897	-3.8	104	0.00
86 T	p-Isopropyltoluene	50.000	52.420	-4.8	107	0.00
87 T	1,3-Dichlorobenzene	50.000	49.357	1.3	101	0.00
88 T	1,4-Dichlorobenzene	50.000	48.662	2.7	99	0.00
89 T	n-Butylbenzene	50.000	51.494	-3.0	104	0.00
90 T	Hexachloroethane	50.000	50.477	-1.0	105	0.00
91 T	1,2-Dichlorobenzene	50.000	50.303	-0.6	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.871	6.3	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.700	-1.4	105	0.00
94 T	Hexachlorobutadiene	50.000	48.880	2.2	100	0.00
95 T	Naphthalene	50.000	51.961	-3.9	97	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.375	-2.8	102	0.00

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