

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092925\
 Data File : VW032288.D
 Acq On : 29 Sep 2025 09:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 30 02:29:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	40.876	18.2	98	0.00
3 P	Chloromethane	50.000	41.361	17.3	99	0.00
4 C	Vinyl Chloride	50.000	44.086	11.8#	97	0.00
5 T	Bromomethane	50.000	43.391	13.2	95	0.00
6 T	Chloroethane	50.000	43.559	12.9	97	0.00
7 T	Trichlorofluoromethane	50.000	39.912	20.2	92	0.00
8 T	Diethyl Ether	50.000	43.716	12.6	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.912	8.2	99	0.00
10 T	Methyl Iodide	50.000	46.775	6.5	101	0.01
11 T	Tert butyl alcohol	250.000	253.914	-1.6	125	0.01
12 CM	1,1-Dichloroethene	50.000	46.206	7.6#	102	0.00
13 T	Acrolein	250.000	171.220	31.5#	75	0.00
14 T	Allyl chloride	50.000	48.340	3.3	103	0.00
15 T	Acrylonitrile	250.000	238.703	4.5	109	0.00
16 T	Acetone	250.000	222.649	10.9	113	0.00
17 T	Carbon Disulfide	50.000	46.374	7.3	103	0.00
18 T	Methyl Acetate	50.000	59.315	-18.6	114	0.00
19 T	Methyl tert-butyl Ether	50.000	49.638	0.7	104	0.00
20 T	Methylene Chloride	50.000	45.854	8.3	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.000	6.0	101	0.00
22 T	Diisopropyl ether	50.000	50.120	-0.2	105	0.00
23 T	Vinyl Acetate	250.000	247.085	1.2	109	0.00
24 P	1,1-Dichloroethane	50.000	46.849	6.3	100	0.00
25 T	2-Butanone	250.000	245.835	1.7	112	0.00
26 T	2,2-Dichloropropane	50.000	49.265	1.5	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.131	5.7	100	0.00
28 T	Bromochloromethane	50.000	47.052	5.9	100	0.00
29 T	Tetrahydrofuran	250.000	251.198	-0.5	113	0.00
30 C	Chloroform	50.000	46.455	7.1#	99	0.00
31 T	Cyclohexane	50.000	45.851	8.3	105	0.00
32 T	1,1,1-Trichloroethane	50.000	47.806	4.4	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.746	10.5	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	47.277	5.4	99	0.00
36 T	1,1-Dichloropropene	50.000	50.622	-1.2	103	0.00
37 T	Ethyl Acetate	50.000	50.487	-1.0	110	0.00
38 T	Carbon Tetrachloride	50.000	51.261	-2.5	106	0.00
39 T	Methylcyclohexane	50.000	51.002	-2.0	102	0.00
40 TM	Benzene	50.000	49.920	0.2	102	0.00
41 T	Methacrylonitrile	50.000	52.850	-5.7	112	0.00
42 TM	1,2-Dichloroethane	50.000	48.683	2.6	103	0.00
43 T	Isopropyl Acetate	50.000	53.127	-6.3	113	0.00
44 TM	Trichloroethene	50.000	48.601	2.8	102	0.00
45 C	1,2-Dichloropropane	50.000	49.465	1.1#	101	0.00
46 T	Dibromomethane	50.000	48.794	2.4	102	0.00
47 T	Bromodichloromethane	50.000	51.016	-2.0	103	0.00
48 T	Methyl methacrylate	50.000	53.740	-7.5	110	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1086.319	-8.6	110	0.00
50 S	Toluene-d8	50.000	47.496	5.0	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	265.923	-6.4	113	0.00
52 CM	Toluene	50.000	50.170	-0.3#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	53.132	-6.3	108	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.022	-4.0	105	0.00
55 T	1,1,2-Trichloroethane	50.000	48.154	3.7	102	0.00
56 T	Ethyl methacrylate	50.000	54.343	-8.7	110	0.00
57 T	1,3-Dichloropropane	50.000	49.301	1.4	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.730	-8.7	105	0.00
59 T	2-Hexanone	250.000	271.306	-8.5	114	0.00
60 T	Dibromochloromethane	50.000	51.967	-3.9	104	0.00
61 T	1,2-Dibromoethane	50.000	49.168	1.7	102	0.00
62 S	4-Bromofluorobenzene	50.000	49.794	0.4	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	50.200	-0.4	97	0.00
65 PM	Chlorobenzene	50.000	50.177	-0.4	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.078	-6.2	102	0.00
67 C	Ethyl Benzene	50.000	53.716	-7.4#	102	0.00
68 T	m/p-Xylenes	100.000	104.995	-5.0	100	0.00
69 T	o-Xylene	50.000	53.795	-7.6	99	0.00
70 T	Styrene	50.000	54.596	-9.2	99	0.00
71 P	Bromoform	50.000	54.762	-9.5	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	52.322	-4.6	99	0.00
74 T	N-ethyl acetate	50.000	54.794	-9.6	112	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.534	0.9	103	0.00
76 T	1,2,3-Trichloropropane	50.000	48.526	2.9	102	0.00
77 T	Bromobenzene	50.000	49.972	0.1	94	0.00
78 T	n-propylbenzene	50.000	52.650	-5.3	99	0.00
79 T	2-Chlorotoluene	50.000	52.018	-4.0	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.634	-7.3	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.645	-13.3	112	0.00
82 T	4-Chlorotoluene	50.000	51.445	-2.9	99	0.00
83 T	tert-Butylbenzene	50.000	53.870	-7.7	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.698	-5.4	101	0.00
85 T	sec-Butylbenzene	50.000	53.327	-6.7	101	0.00
86 T	p-Isopropyltoluene	50.000	53.563	-7.1	99	0.00
87 T	1,3-Dichlorobenzene	50.000	48.331	3.3	95	0.00
88 T	1,4-Dichlorobenzene	50.000	50.062	-0.1	105	0.00
89 T	n-Butylbenzene	50.000	52.364	-4.7	100	0.00
90 T	Hexachloroethane	50.000	54.047	-8.1	110	0.00
91 T	1,2-Dichlorobenzene	50.000	50.154	-0.3	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.086	-6.2	116	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.138	-6.3	105	0.00
94 T	Hexachlorobutadiene	50.000	53.131	-6.3	119	0.00
95 T	Naphthalene	50.000	53.387	-6.8	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.335	-0.7	100	0.00

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