

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023321.D
 Acq On : 10 Sep 2025 09:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 11 03:45:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	45.493	9.0	99	0.00
3 P	Chloromethane	50.000	48.922	2.2	104	0.00
4 C	Vinyl Chloride	50.000	49.142	1.7#	101	0.01
5 T	Bromomethane	50.000	46.075	7.8	101	0.00
6 T	Chloroethane	50.000	49.784	0.4	102	0.01
7 T	Trichlorofluoromethane	50.000	49.712	0.6	103	0.01
8 T	Diethyl Ether	50.000	47.703	4.6	95	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.122	1.8	101	0.01
10 T	Methyl Iodide	50.000	50.167	-0.3	93	0.01
11 T	Tert butyl alcohol	250.000	231.830	7.3	95	0.00
12 CM	1,1-Dichloroethene	50.000	48.753	2.5#	99	0.01
13 T	Acrolein	250.000	204.542	18.2	86	0.00
14 T	Allyl chloride	50.000	48.472	3.1	96	0.01
15 T	Acrylonitrile	250.000	238.021	4.8	95	0.01
16 T	Acetone	250.000	287.642	-15.1	114	0.01
17 T	Carbon Disulfide	50.000	48.856	2.3	99	0.01
18 T	Methyl Acetate	50.000	46.857	6.3	97	0.01
19 T	Methyl tert-butyl Ether	50.000	48.672	2.7	95	0.01
20 T	Methylene Chloride	50.000	50.252	-0.5	106	0.02
21 T	trans-1,2-Dichloroethene	50.000	49.672	0.7	100	0.01
22 T	Diisopropyl ether	50.000	49.796	0.4	96	0.00
23 T	Vinyl Acetate	250.000	248.208	0.7	95	0.01
24 P	1,1-Dichloroethane	50.000	49.148	1.7	100	0.01
25 T	2-Butanone	250.000	260.320	-4.1	104	0.01
26 T	2,2-Dichloropropane	50.000	49.861	0.3	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.714	0.6	99	0.01
28 T	Bromochloromethane	50.000	48.943	2.1	101	0.00
29 T	Tetrahydrofuran	250.000	240.002	4.0	94	0.01
30 C	Chloroform	50.000	49.031	1.9#	100	0.00
31 T	Cyclohexane	50.000	47.876	4.2	100	0.01
32 T	1,1,1-Trichloroethane	50.000	49.816	0.4	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.563	2.9	98	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	51.558	-3.1	97	0.00
36 T	1,1-Dichloropropene	50.000	52.497	-5.0	100	0.00
37 T	Ethyl Acetate	50.000	51.081	-2.2	98	0.00
38 T	Carbon Tetrachloride	50.000	52.496	-5.0	101	0.00
39 T	Methylcyclohexane	50.000	53.877	-7.8	99	0.00
40 TM	Benzene	50.000	52.131	-4.3	99	0.01
41 T	Methacrylonitrile	50.000	45.464	9.1	87	0.00
42 TM	1,2-Dichloroethane	50.000	51.097	-2.2	98	0.00
43 T	Isopropyl Acetate	50.000	49.452	1.1	92	0.00
44 TM	Trichloroethene	50.000	52.047	-4.1	99	0.00
45 C	1,2-Dichloropropane	50.000	51.343	-2.7#	99	0.00
46 T	Dibromomethane	50.000	51.618	-3.2	98	0.00
47 T	Bromodichloromethane	50.000	51.462	-2.9	98	0.00
48 T	Methyl methacrylate	50.000	52.977	-6.0	95	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	976.782	2.3	93	0.00
50 S	Toluene-d8	50.000	52.765	-5.5	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.653	-3.9	95	0.00
52 CM	Toluene	50.000	53.921	-7.8#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	51.683	-3.4	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.787	-3.6	97	0.00
55 T	1,1,2-Trichloroethane	50.000	51.159	-2.3	97	0.00
56 T	Ethyl methacrylate	50.000	52.997	-6.0	94	0.00
57 T	1,3-Dichloropropane	50.000	51.474	-2.9	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	275.537	-10.2	94	0.00
59 T	2-Hexanone	250.000	276.233	-10.5	100	0.00
60 T	Dibromochloromethane	50.000	52.518	-5.0	99	0.00
61 T	1,2-Dibromoethane	50.000	51.806	-3.6	98	0.01
62 S	4-Bromofluorobenzene	50.000	53.436	-6.9	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.01
64 T	Tetrachloroethene	50.000	53.975	-8.0	100	0.00
65 PM	Chlorobenzene	50.000	51.773	-3.5	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.786	-3.6	98	0.00
67 C	Ethyl Benzene	50.000	54.259	-8.5#	99	0.00
68 T	m/p-Xylenes	100.000	109.147	-9.1	99	0.00
69 T	o-Xylene	50.000	54.165	-8.3	98	0.00
70 T	Styrene	50.000	54.402	-8.8	96	0.00
71 P	Bromoform	50.000	50.996	-2.0	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	53.751	-7.5	98	0.00
74 T	N-ethyl acetate	50.000	50.983	-2.0	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.939	2.1	95	0.00
76 T	1,2,3-Trichloropropane	50.000	51.552	-3.1	98	0.00
77 T	Bromobenzene	50.000	51.516	-3.0	97	0.00
78 T	n-propylbenzene	50.000	54.634	-9.3	99	0.00
79 T	2-Chlorotoluene	50.000	53.468	-6.9	99	0.01
80 T	1,3,5-Trimethylbenzene	50.000	54.272	-8.5	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.277	-2.6	98	0.00
82 T	4-Chlorotoluene	50.000	52.206	-4.4	97	0.01
83 T	tert-Butylbenzene	50.000	53.703	-7.4	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.265	-8.5	97	0.00
85 T	sec-Butylbenzene	50.000	53.907	-7.8	98	0.00
86 T	p-Isopropyltoluene	50.000	54.293	-8.6	97	0.00
87 T	1,3-Dichlorobenzene	50.000	51.122	-2.2	96	0.00
88 T	1,4-Dichlorobenzene	50.000	50.249	-0.5	96	0.00
89 T	n-Butylbenzene	50.000	54.516	-9.0	97	0.00
90 T	Hexachloroethane	50.000	50.481	-1.0	97	0.00
91 T	1,2-Dichlorobenzene	50.000	50.588	-1.2	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.483	3.0	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.874	-1.7	93	0.00
94 T	Hexachlorobutadiene	50.000	52.443	-4.9	99	0.00
95 T	Naphthalene	50.000	50.843	-1.7	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.662	-1.3	93	0.00

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