

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110625\
 Data File : VY023692.D
 Acq On : 06 Nov 2025 08:42
 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: Nov 07 04:11:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	43.694	12.6	97	0.00
3 P	Chloromethane	50.000	48.001	4.0	99	0.00
4 C	Vinyl Chloride	50.000	47.430	5.1#	96	0.00
5 T	Bromomethane	50.000	44.720	10.6	94	0.00
6 T	Chloroethane	50.000	48.787	2.4	97	0.00
7 T	Trichlorofluoromethane	50.000	47.603	4.8	96	0.00
8 T	Diethyl Ether	50.000	46.079	7.8	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.727	2.5	97	0.00
10 T	Methyl Iodide	50.000	51.929	-3.9	92	0.00
11 T	Tert butyl alcohol	250.000	214.909	14.0	96	0.00
12 CM	1,1-Dichloroethene	50.000	48.730	2.5#	96	0.00
13 T	Acrolein	250.000	190.265	23.9	85	0.00
14 T	Allyl chloride	50.000	51.279	-2.6	98	0.00
15 T	Acrylonitrile	250.000	246.060	1.6	97	0.00
16 T	Acetone	250.000	262.102	-4.8	109	0.00
17 T	Carbon Disulfide	50.000	50.000	0.0	99	0.00
18 T	Methyl Acetate	50.000	47.257	5.5	98	0.00
19 T	Methyl tert-butyl Ether	50.000	48.763	2.5	93	0.00
20 T	Methylene Chloride	50.000	48.161	3.7	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.901	-1.8	98	0.00
22 T	Diisopropyl ether	50.000	52.737	-5.5	97	0.00
23 T	Vinyl Acetate	250.000	259.826	-3.9	96	0.00
24 P	1,1-Dichloroethane	50.000	50.497	-1.0	98	0.00
25 T	2-Butanone	250.000	244.465	2.2	101	0.00
26 T	2,2-Dichloropropane	50.000	51.381	-2.8	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.307	-0.6	96	0.00
28 T	Bromochloromethane	50.000	50.995	-2.0	101	0.00
29 T	Tetrahydrofuran	250.000	245.417	1.8	96	0.00
30 C	Chloroform	50.000	50.771	-1.5#	99	0.00
31 T	Cyclohexane	50.000	48.888	2.2	97	0.00
32 T	1,1,1-Trichloroethane	50.000	50.080	-0.2	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.542	-1.1	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	52.110	-4.2	97	0.00
36 T	1,1-Dichloropropene	50.000	52.056	-4.1	98	0.00
37 T	Ethyl Acetate	50.000	50.938	-1.9	98	0.00
38 T	Carbon Tetrachloride	50.000	51.680	-3.4	98	0.00
39 T	Methylcyclohexane	50.000	51.771	-3.5	95	0.00
40 TM	Benzene	50.000	52.191	-4.4	99	0.00
41 T	Methacrylonitrile	50.000	48.625	2.8	94	0.00
42 TM	1,2-Dichloroethane	50.000	50.268	-0.5	96	0.00
43 T	Isopropyl Acetate	50.000	48.431	3.1	92	0.00
44 TM	Trichloroethene	50.000	50.084	-0.2	96	0.00
45 C	1,2-Dichloropropane	50.000	51.631	-3.3#	98	0.00
46 T	Dibromomethane	50.000	50.465	-0.9	97	0.00
47 T	Bromodichloromethane	50.000	51.829	-3.7	98	0.00
48 T	Methyl methacrylate	50.000	50.398	-0.8	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1017.395	-1.7	96	0.00
50 S	Toluene-d8	50.000	53.849	-7.7	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.399	-0.2	94	0.00
52 CM	Toluene	50.000	53.262	-6.5#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	51.590	-3.2	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.038	-4.1	95	0.00
55 T	1,1,2-Trichloroethane	50.000	50.815	-1.6	97	0.00
56 T	Ethyl methacrylate	50.000	50.939	-1.9	90	0.00
57 T	1,3-Dichloropropane	50.000	51.160	-2.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.588	-3.4	91	0.00
59 T	2-Hexanone	250.000	255.473	-2.2	97	0.00
60 T	Dibromochloromethane	50.000	50.236	-0.5	94	0.00
61 T	1,2-Dibromoethane	50.000	50.132	-0.3	94	0.00
62 S	4-Bromofluorobenzene	50.000	54.429	-8.9	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	49.883	0.2	93	0.00
65 PM	Chlorobenzene	50.000	50.915	-1.8	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.027	-2.1	96	0.00
67 C	Ethyl Benzene	50.000	53.799	-7.6#	96	0.00
68 T	m/p-Xylenes	100.000	108.286	-8.3	96	0.00
69 T	o-Xylene	50.000	53.067	-6.1	94	0.00
70 T	Styrene	50.000	54.077	-8.2	95	0.00
71 P	Bromoform	50.000	49.333	1.3	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	54.235	-8.5	95	0.00
74 T	N-amyl acetate	50.000	49.594	0.8	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.279	1.4	95	0.00
76 T	1,2,3-Trichloropropane	50.000	51.280	-2.6	101	0.00
77 T	Bromobenzene	50.000	51.371	-2.7	94	0.00
78 T	n-propylbenzene	50.000	54.555	-9.1	95	0.00
79 T	2-Chlorotoluene	50.000	53.786	-7.6	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.309	-10.6	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.884	0.2	94	0.00
82 T	4-Chlorotoluene	50.000	53.657	-7.3	96	0.00
83 T	tert-Butylbenzene	50.000	53.674	-7.3	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.213	-10.4	96	0.00
85 T	sec-Butylbenzene	50.000	54.121	-8.2	95	0.00
86 T	p-Isopropyltoluene	50.000	54.561	-9.1	94	0.00
87 T	1,3-Dichlorobenzene	50.000	50.991	-2.0	93	0.00
88 T	1,4-Dichlorobenzene	50.000	50.514	-1.0	93	0.00
89 T	n-Butylbenzene	50.000	55.188	-10.4	96	0.00
90 T	Hexachloroethane	50.000	51.431	-2.9	95	0.00
91 T	1,2-Dichlorobenzene	50.000	50.757	-1.5	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.980	6.0	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.173	-0.3	90	0.00
94 T	Hexachlorobutadiene	50.000	51.103	-2.2	93	0.00
95 T	Naphthalene	50.000	42.786	14.4	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.428	1.1	88	0.00

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