

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091125\
 Data File : VY023353.D
 Acq On : 11 Sep 2025 16:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 12 01:30:47 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	40.629	18.7	88	0.00
3 P	Chloromethane	50.000	43.824	12.4	93	0.00
4 C	Vinyl Chloride	50.000	44.890	10.2#	92	0.00
5 T	Bromomethane	50.000	46.160	7.7	101	0.00
6 T	Chloroethane	50.000	46.739	6.5	96	0.01
7 T	Trichlorofluoromethane	50.000	46.584	6.8	96	0.00
8 T	Diethyl Ether	50.000	48.651	2.7	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.268	11.5	91	0.01
10 T	Methyl Iodide	50.000	45.445	9.1	84	0.01
11 T	Tert butyl alcohol	250.000	253.021	-1.2	104	0.01
12 CM	1,1-Dichloroethene	50.000	45.506	9.0#	92	0.00
13 T	Acrolein	250.000	161.242	35.5#	67	0.00
14 T	Allyl chloride	50.000	44.525	11.0	88	0.00
15 T	Acrylonitrile	250.000	237.009	5.2	95	0.01
16 T	Acetone	250.000	187.790	24.9	74	0.01
17 T	Carbon Disulfide	50.000	43.355	13.3	88	0.00
18 T	Methyl Acetate	50.000	46.108	7.8	95	0.01
19 T	Methyl tert-butyl Ether	50.000	49.575	0.8	97	0.00
20 T	Methylene Chloride	50.000	47.422	5.2	99	0.01
21 T	trans-1,2-Dichloroethene	50.000	46.374	7.3	93	0.01
22 T	Diisopropyl ether	50.000	45.897	8.2	89	0.00
23 T	Vinyl Acetate	250.000	234.291	6.3	90	0.01
24 P	1,1-Dichloroethane	50.000	45.588	8.8	92	0.00
25 T	2-Butanone	250.000	216.400	13.4	86	0.01
26 T	2,2-Dichloropropane	50.000	44.112	11.8	89	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.030	3.9	95	0.00
28 T	Bromochloromethane	50.000	45.083	9.8	92	0.00
29 T	Tetrahydrofuran	250.000	234.790	6.1	92	0.00
30 C	Chloroform	50.000	46.863	6.3#	95	0.00
31 T	Cyclohexane	50.000	42.698	14.6	89	0.00
32 T	1,1,1-Trichloroethane	50.000	46.632	6.7	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.700	4.6	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	49.261	1.5	98	0.00
36 T	1,1-Dichloropropene	50.000	46.039	7.9	92	0.00
37 T	Ethyl Acetate	50.000	47.363	5.3	96	0.00
38 T	Carbon Tetrachloride	50.000	45.993	8.0	93	0.00
39 T	Methylcyclohexane	50.000	47.181	5.6	92	0.00
40 TM	Benzene	50.000	46.657	6.7	94	0.00
41 T	Methacrylonitrile	50.000	49.356	1.3	99	0.00
42 TM	1,2-Dichloroethane	50.000	45.705	8.6	93	0.00
43 T	Isopropyl Acetate	50.000	46.639	6.7	92	0.00
44 TM	Trichloroethene	50.000	47.307	5.4	95	0.00
45 C	1,2-Dichloropropane	50.000	46.156	7.7#	94	0.00
46 T	Dibromomethane	50.000	48.459	3.1	98	0.00
47 T	Bromodichloromethane	50.000	47.272	5.5	95	0.00
48 T	Methyl methacrylate	50.000	48.505	3.0	92	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	1040.333	-4.0	105	0.00
50 S	Toluene-d8	50.000	49.968	0.1	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.728	3.3	93	0.00
52 CM	Toluene	50.000	48.892	2.2#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	48.905	2.2	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.316	3.4	95	0.00
55 T	1,1,2-Trichloroethane	50.000	48.578	2.8	98	0.00
56 T	Ethyl methacrylate	50.000	51.887	-3.8	97	0.00
57 T	1,3-Dichloropropane	50.000	48.010	4.0	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	283.935	-13.6	103	0.00
59 T	2-Hexanone	250.000	239.607	4.2	92	0.00
60 T	Dibromochloromethane	50.000	49.471	1.1	98	0.00
61 T	1,2-Dibromoethane	50.000	49.904	0.2	100	0.00
62 S	4-Bromofluorobenzene	50.000	52.582	-5.2	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	49.046	1.9	98	0.00
65 PM	Chlorobenzene	50.000	47.214	5.6	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.227	5.5	96	0.00
67 C	Ethyl Benzene	50.000	48.231	3.5#	95	0.00
68 T	m/p-Xylenes	100.000	97.616	2.4	95	0.00
69 T	o-Xylene	50.000	49.493	1.0	96	0.00
70 T	Styrene	50.000	50.051	-0.1	95	0.00
71 P	Bromoform	50.000	48.597	2.8	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	47.808	4.4	96	0.00
74 T	N-ethyl acetate	50.000	47.406	5.2	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.337	9.3	97	0.00
76 T	1,2,3-Trichloropropane	50.000	45.299	9.4	94	0.00
77 T	Bromobenzene	50.000	46.614	6.8	96	0.00
78 T	n-propylbenzene	50.000	47.450	5.1	95	0.00
79 T	2-Chlorotoluene	50.000	47.228	5.5	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.036	3.9	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.620	6.8	98	0.00
82 T	4-Chlorotoluene	50.000	46.536	6.9	95	0.00
83 T	tert-Butylbenzene	50.000	47.730	4.5	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.279	3.4	95	0.00
85 T	sec-Butylbenzene	50.000	47.522	5.0	95	0.00
86 T	p-Isopropyltoluene	50.000	48.011	4.0	95	0.00
87 T	1,3-Dichlorobenzene	50.000	46.284	7.4	95	0.00
88 T	1,4-Dichlorobenzene	50.000	45.674	8.7	96	0.00
89 T	n-Butylbenzene	50.000	47.313	5.4	93	0.00
90 T	Hexachloroethane	50.000	45.112	9.8	96	0.00
91 T	1,2-Dichlorobenzene	50.000	46.715	6.6	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.834	6.3	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.580	2.8	98	0.00
94 T	Hexachlorobutadiene	50.000	45.998	8.0	95	0.00
95 T	Naphthalene	50.000	52.310	-4.6	101	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	49.505	1.0	100	0.00

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