

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082925\
 Data File : VY023250.D
 Acq On : 29 Aug 2025 16:15
 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: Aug 30 01:24:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 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	73	0.00
2 T	Dichlorodifluoromethane	50.000	40.935	18.1	70	0.00
3 P	Chloromethane	50.000	46.265	7.5	73	0.00
4 C	Vinyl Chloride	50.000	48.732	2.5#	75	0.00
5 T	Bromomethane	50.000	51.239	-2.5	84	0.00
6 T	Chloroethane	50.000	52.162	-4.3	80	0.00
7 T	Trichlorofluoromethane	50.000	49.390	1.2	76	0.00
8 T	Diethyl Ether	50.000	51.518	-3.0	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.290	-2.6	79	0.00
10 T	Methyl Iodide	50.000	54.732	-9.5	77	0.00
11 T	Tert butyl alcohol	250.000	254.237	-1.7	76	0.00
12 CM	1,1-Dichloroethene	50.000	49.950	0.1#	76	0.00
13 T	Acrolein	250.000	58.787	76.5#	18	0.00
14 T	Allyl chloride	50.000	46.377	7.2	70	0.00
15 T	Acrylonitrile	250.000	259.994	-4.0	76	0.00
16 T	Acetone	250.000	227.749	8.9	66	0.00
17 T	Carbon Disulfide	50.000	46.103	7.8	71	0.00
18 T	Methyl Acetate	50.000	49.914	0.2	69	0.00
19 T	Methyl tert-butyl Ether	50.000	51.361	-2.7	75	0.00
20 T	Methylene Chloride	50.000	61.933	-23.9	94	0.01
21 T	trans-1,2-Dichloroethene	50.000	52.539	-5.1	79	0.00
22 T	Diisopropyl ether	50.000	50.073	-0.1	74	0.00
23 T	Vinyl Acetate	250.000	246.565	1.4	72	0.00
24 P	1,1-Dichloroethane	50.000	51.705	-3.4	77	0.00
25 T	2-Butanone	250.000	241.393	3.4	69	0.01
26 T	2,2-Dichloropropane	50.000	49.479	1.0	74	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.781	-7.6	81	0.00
28 T	Bromochloromethane	50.000	52.747	-5.5	78	0.00
29 T	Tetrahydrofuran	250.000	250.628	-0.3	73	0.00
30 C	Chloroform	50.000	54.800	-9.6#	82	0.00
31 T	Cyclohexane	50.000	44.548	10.9	70	0.00
32 T	1,1,1-Trichloroethane	50.000	53.353	-6.7	80	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.292	-4.6	78	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35 S	Dibromofluoromethane	50.000	56.503	-13.0	81	0.00
36 T	1,1-Dichloropropene	50.000	52.605	-5.2	76	0.00
37 T	Ethyl Acetate	50.000	52.083	-4.2	73	0.00
38 T	Carbon Tetrachloride	50.000	55.617	-11.2	81	0.00
39 T	Methylcyclohexane	50.000	50.383	-0.8	73	0.00
40 TM	Benzene	50.000	54.751	-9.5	79	0.00
41 T	Methacrylonitrile	50.000	53.603	-7.2	74	0.00
42 TM	1,2-Dichloroethane	50.000	53.753	-7.5	78	0.00
43 T	Isopropyl Acetate	50.000	51.570	-3.1	73	0.00
44 TM	Trichloroethene	50.000	58.692	-17.4	86	0.00
45 C	1,2-Dichloropropane	50.000	54.710	-9.4#	79	0.00
46 T	Dibromomethane	50.000	58.256	-16.5	83	0.00
47 T	Bromodichloromethane	50.000	57.435	-14.9	82	0.00
48 T	Methyl methacrylate	50.000	50.570	-1.1	69	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	1112.441	-11.2	79	0.00
50 S	Toluene-d8	50.000	56.246	-12.5	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.197	-8.5	75	0.00
52 CM	Toluene	50.000	56.419	-12.8#	81	0.00
53 T	t-1,3-Dichloropropene	50.000	54.137	-8.3	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.362	-8.7	77	0.00
55 T	1,1,2-Trichloroethane	50.000	58.518	-17.0	84	0.00
56 T	Ethyl methacrylate	50.000	55.980	-12.0	76	0.00
57 T	1,3-Dichloropropane	50.000	55.781	-11.6	80	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	290.440	-16.2	77	0.00
59 T	2-Hexanone	250.000	266.487	-6.6	73	0.00
60 T	Dibromochloromethane	50.000	60.741	-21.5	86	0.00
61 T	1,2-Dibromoethane	50.000	57.952	-15.9	82	0.00
62 S	4-Bromofluorobenzene	50.000	56.414	-12.8	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64 T	Tetrachloroethene	50.000	65.128	-30.3#	98	0.00
65 PM	Chlorobenzene	50.000	54.405	-8.8	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.517	-13.0	84	0.00
67 C	Ethyl Benzene	50.000	53.771	-7.5#	79	0.00
68 T	m/p-Xylenes	100.000	109.823	-9.8	81	0.00
69 T	o-Xylene	50.000	55.129	-10.3	80	0.00
70 T	Styrene	50.000	56.754	-13.5	82	0.00
71 P	Bromoform	50.000	57.602	-15.2	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73 T	Isopropylbenzene	50.000	50.683	-1.4	80	0.00
74 T	N-amyl acetate	50.000	45.627	8.7	70	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.956	8.1	75	0.00
76 T	1,2,3-Trichloropropane	50.000	54.088	-8.2	77	0.00
77 T	Bromobenzene	50.000	52.241	-4.5	84	0.00
78 T	n-propylbenzene	50.000	50.515	-1.0	79	0.00
79 T	2-Chlorotoluene	50.000	50.299	-0.6	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.449	-2.9	81	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.648	6.7	74	0.00
82 T	4-Chlorotoluene	50.000	50.060	-0.1	80	0.00
83 T	tert-Butylbenzene	50.000	51.336	-2.7	81	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.328	-2.7	81	0.00
85 T	sec-Butylbenzene	50.000	51.366	-2.7	81	0.00
86 T	p-Isopropyltoluene	50.000	52.208	-4.4	82	0.00
87 T	1,3-Dichlorobenzene	50.000	52.962	-5.9	86	0.00
88 T	1,4-Dichlorobenzene	50.000	51.812	-3.6	84	0.00
89 T	n-Butylbenzene	50.000	50.484	-1.0	79	0.00
90 T	Hexachloroethane	50.000	52.979	-6.0	85	0.00
91 T	1,2-Dichlorobenzene	50.000	52.609	-5.2	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.260	-0.5	78	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.521	-3.0	83	0.00
94 T	Hexachlorobutadiene	50.000	52.257	-4.5	85	0.00
95 T	Naphthalene	50.000	52.151	-4.3	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.143	-6.3	86	0.00

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