

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022636.D
 Acq On : 09 Jun 2025 17:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 10 01:33:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 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	69	0.00
2 T	Dichlorodifluoromethane	50.000	45.927	8.1	69	0.00
3 P	Chloromethane	50.000	58.609	-17.2	87	0.00
4 C	Vinyl Chloride	50.000	60.563	-21.1#	86	0.00
5 T	Bromomethane	50.000	55.905	-11.8	92	0.00
6 T	Chloroethane	50.000	64.937	-29.9#	98	0.00
7 T	Trichlorofluoromethane	50.000	57.928	-15.9	85	0.00
8 T	Diethyl Ether	50.000	54.571	-9.1	76	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.064	-4.1	73	0.00
10 T	Methyl Iodide	50.000	53.807	-7.6	69	0.00
11 T	Tert butyl alcohol	250.000	252.918	-1.2	71	0.00
12 CM	1,1-Dichloroethene	50.000	53.659	-7.3#	75	-0.01
13 T	Acrolein	250.000	130.909	47.6#	38	0.00
14 T	Allyl chloride	50.000	52.458	-4.9	74	0.00
15 T	Acrylonitrile	250.000	270.458	-8.2	74	0.00
16 T	Acetone	250.000	215.607	13.8	59	0.00
17 T	Carbon Disulfide	50.000	51.161	-2.3	71	0.00
18 T	Methyl Acetate	50.000	63.206	-26.4#	88	0.00
19 T	Methyl tert-butyl Ether	50.000	53.619	-7.2	75	-0.02
20 T	Methylene Chloride	50.000	53.017	-6.0	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.033	-10.1	78	0.00
22 T	Diisopropyl ether	50.000	54.665	-9.3	76	0.00
23 T	Vinyl Acetate	250.000	258.989	-3.6	72	0.00
24 P	1,1-Dichloroethane	50.000	56.427	-12.9	80	0.00
25 T	2-Butanone	250.000	250.942	-0.4	68	0.00
26 T	2,2-Dichloropropane	50.000	51.030	-2.1	71	0.00
27 T	cis-1,2-Dichloroethene	50.000	57.085	-14.2	79	0.00
28 T	Bromochloromethane	50.000	56.242	-12.5	81	0.00
29 T	Tetrahydrofuran	250.000	265.451	-6.2	74	0.00
30 C	Chloroform	50.000	57.956	-15.9#	81	0.00
31 T	Cyclohexane	50.000	47.383	5.2	69	0.00
32 T	1,1,1-Trichloroethane	50.000	56.096	-12.2	78	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.234	-12.5	74	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	54.943	-9.9	74	0.00
36 T	1,1-Dichloropropene	50.000	51.283	-2.6	74	0.00
37 T	Ethyl Acetate	50.000	51.540	-3.1	70	0.00
38 T	Carbon Tetrachloride	50.000	52.636	-5.3	74	0.00
39 T	Methylcyclohexane	50.000	49.026	1.9	70	0.00
40 TM	Benzene	50.000	55.240	-10.5	79	0.00
41 T	Methacrylonitrile	50.000	50.001	-0.0	73	-0.01
42 TM	1,2-Dichloroethane	50.000	54.948	-9.9	79	0.00
43 T	Isopropyl Acetate	50.000	50.970	-1.9	72	0.00
44 TM	Trichloroethene	50.000	53.799	-7.6	76	0.00
45 C	1,2-Dichloropropane	50.000	56.021	-12.0#	80	0.00
46 T	Dibromomethane	50.000	55.764	-11.5	79	0.00
47 T	Bromodichloromethane	50.000	55.705	-11.4	79	0.00
48 T	Methyl methacrylate	50.000	52.683	-5.4	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	965.746	3.4	72	0.00
50 S	Toluene-d8	50.000	55.070	-10.1	75	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.216	-8.1	75	0.00
52 CM	Toluene	50.000	55.449	-10.9#	80	0.00
53 T	t-1,3-Dichloropropene	50.000	54.584	-9.2	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.077	-8.2	76	0.00
55 T	1,1,2-Trichloroethane	50.000	55.564	-11.1	81	0.00
56 T	Ethyl methacrylate	50.000	53.051	-6.1	74	0.00
57 T	1,3-Dichloropropane	50.000	55.610	-11.2	79	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	278.392	-11.4	80	0.00
59 T	2-Hexanone	250.000	263.991	-5.6	73	0.00
60 T	Dibromochloromethane	50.000	54.957	-9.9	78	0.00
61 T	1,2-Dibromoethane	50.000	55.654	-11.3	80	0.00
62 S	4-Bromofluorobenzene	50.000	54.129	-8.3	76	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64 T	Tetrachloroethene	50.000	56.276	-12.6	82	0.00
65 PM	Chlorobenzene	50.000	54.563	-9.1	80	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.287	-8.6	79	0.00
67 C	Ethyl Benzene	50.000	53.720	-7.4#	78	0.00
68 T	m/p-Xylenes	100.000	108.620	-8.6	80	0.00
69 T	o-Xylene	50.000	53.637	-7.3	79	0.00
70 T	Styrene	50.000	54.973	-9.9	80	0.00
71 P	Bromoform	50.000	53.296	-6.6	78	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	51.588	-3.2	78	0.00
74 T	N-ethyl acetate	50.000	49.459	1.1	73	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.901	-1.8	77	0.00
76 T	1,2,3-Trichloropropane	50.000	53.128	-6.3	74	0.00
77 T	Bromobenzene	50.000	53.636	-7.3	82	0.00
78 T	n-propylbenzene	50.000	51.532	-3.1	78	0.00
79 T	2-Chlorotoluene	50.000	52.084	-4.2	79	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.686	-3.4	78	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.096	3.8	75	0.00
82 T	4-Chlorotoluene	50.000	51.326	-2.7	78	0.00
83 T	tert-Butylbenzene	50.000	52.212	-4.4	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.500	-5.0	80	0.00
85 T	sec-Butylbenzene	50.000	51.403	-2.8	78	0.00
86 T	p-Isopropyltoluene	50.000	51.652	-3.3	79	0.00
87 T	1,3-Dichlorobenzene	50.000	53.471	-6.9	83	0.00
88 T	1,4-Dichlorobenzene	50.000	52.631	-5.3	81	0.00
89 T	n-Butylbenzene	50.000	51.632	-3.3	78	0.00
90 T	Hexachloroethane	50.000	52.291	-4.6	80	0.00
91 T	1,2-Dichlorobenzene	50.000	53.448	-6.9	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.551	-7.1	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.751	-9.5	83	0.00
94 T	Hexachlorobutadiene	50.000	52.523	-5.0	81	0.00
95 T	Naphthalene	50.000	55.747	-11.5	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.375	-8.8	83	0.00

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