

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022852.D
 Acq On : 27 Jun 2025 11:00
 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: Jun 27 23:13:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 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	50.009	-0.0	100	0.00
3 P	Chloromethane	50.000	52.481	-5.0	107	0.00
4 C	Vinyl Chloride	50.000	48.289	3.4#	93	0.00
5 T	Bromomethane	50.000	52.726	-5.5	108	0.00
6 T	Chloroethane	50.000	49.823	0.4	97	0.00
7 T	Trichlorofluoromethane	50.000	47.218	5.6	90	0.00
8 T	Diethyl Ether	50.000	53.227	-6.5	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.204	-4.4	103	0.00
10 T	Methyl Iodide	50.000	56.336	-12.7	100	0.00
11 T	Tert butyl alcohol	250.000	205.015	18.0	79	0.01
12 CM	1,1-Dichloroethene	50.000	52.827	-5.7#	103	0.00
13 T	Acrolein	250.000	227.491	9.0	91	0.00
14 T	Allyl chloride	50.000	53.262	-6.5	103	0.00
15 T	Acrylonitrile	250.000	243.913	2.4	93	0.00
16 T	Acetone	250.000	286.914	-14.8	125	0.00
17 T	Carbon Disulfide	50.000	51.514	-3.0	100	0.00
18 T	Methyl Acetate	50.000	42.979	14.0	84	0.00
19 T	Methyl tert-butyl Ether	50.000	51.391	-2.8	97	0.00
20 T	Methylene Chloride	50.000	49.459	1.1	110	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.574	-5.1	101	0.00
22 T	Diisopropyl ether	50.000	52.990	-6.0	101	0.00
23 T	Vinyl Acetate	250.000	265.656	-6.3	99	0.00
24 P	1,1-Dichloroethane	50.000	53.491	-7.0	102	0.00
25 T	2-Butanone	250.000	253.532	-1.4	100	0.00
26 T	2,2-Dichloropropane	50.000	57.011	-14.0	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.567	-5.1	102	0.00
28 T	Bromochloromethane	50.000	47.880	4.2	90	0.00
29 T	Tetrahydrofuran	250.000	238.830	4.5	90	0.00
30 C	Chloroform	50.000	51.771	-3.5#	100	0.00
31 T	Cyclohexane	50.000	51.632	-3.3	103	0.00
32 T	1,1,1-Trichloroethane	50.000	53.199	-6.4	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.194	3.6	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	50.471	-0.9	97	0.00
36 T	1,1-Dichloropropene	50.000	54.849	-9.7	104	0.00
37 T	Ethyl Acetate	50.000	48.850	2.3	91	0.00
38 T	Carbon Tetrachloride	50.000	54.650	-9.3	104	0.00
39 T	Methylcyclohexane	50.000	56.230	-12.5	104	0.00
40 TM	Benzene	50.000	54.275	-8.5	101	0.00
41 T	Methacrylonitrile	50.000	46.347	7.3	91	-0.01
42 TM	1,2-Dichloroethane	50.000	52.392	-4.8	98	0.00
43 T	Isopropyl Acetate	50.000	50.368	-0.7	92	0.00
44 TM	Trichloroethene	50.000	53.529	-7.1	98	0.00
45 C	1,2-Dichloropropane	50.000	53.573	-7.1#	101	0.00
46 T	Dibromomethane	50.000	51.936	-3.9	98	0.00
47 T	Bromodichloromethane	50.000	53.540	-7.1	100	0.00
48 T	Methyl methacrylate	50.000	51.787	-3.6	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	850.470	15.0	79	0.00
50 S	Toluene-d8	50.000	52.029	-4.1	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.254	-0.9	90	0.00
52 CM	Toluene	50.000	55.426	-10.9#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	54.134	-8.3	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.776	-9.6	102	0.00
55 T	1,1,2-Trichloroethane	50.000	51.575	-3.2	96	0.00
56 T	Ethyl methacrylate	50.000	53.214	-6.4	95	0.00
57 T	1,3-Dichloropropane	50.000	51.652	-3.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	232.634	6.9	91	0.00
59 T	2-Hexanone	250.000	264.626	-5.9	96	0.00
60 T	Dibromochloromethane	50.000	52.562	-5.1	97	0.00
61 T	1,2-Dibromoethane	50.000	51.159	-2.3	95	0.00
62 S	4-Bromofluorobenzene	50.000	51.374	-2.7	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	52.422	-4.8	91	0.00
65 PM	Chlorobenzene	50.000	55.109	-10.2	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.277	-8.6	100	0.00
67 C	Ethyl Benzene	50.000	57.349	-14.7#	104	0.00
68 T	m/p-Xylenes	100.000	114.501	-14.5	104	0.00
69 T	o-Xylene	50.000	57.206	-14.4	104	0.00
70 T	Styrene	50.000	56.850	-13.7	102	0.00
71 P	Bromoform	50.000	50.812	-1.6	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	57.218	-14.4	104	0.00
74 T	N-amyl acetate	50.000	54.475	-9.0	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.163	-4.3	102	0.00
76 T	1,2,3-Trichloropropane	50.000	51.833	-3.7	96	0.00
77 T	Bromobenzene	50.000	54.380	-8.8	99	0.00
78 T	n-propylbenzene	50.000	57.659	-15.3	105	0.00
79 T	2-Chlorotoluene	50.000	56.701	-13.4	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.619	-15.2	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.677	-9.4	103	0.00
82 T	4-Chlorotoluene	50.000	55.271	-10.5	101	0.00
83 T	tert-Butylbenzene	50.000	57.725	-15.5	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.326	-14.7	103	0.00
85 T	sec-Butylbenzene	50.000	58.026	-16.1	104	0.00
86 T	p-Isopropyltoluene	50.000	58.084	-16.2	104	0.00
87 T	1,3-Dichlorobenzene	50.000	55.305	-10.6	101	0.00
88 T	1,4-Dichlorobenzene	50.000	54.410	-8.8	100	0.00
89 T	n-Butylbenzene	50.000	58.089	-16.2	104	0.00
90 T	Hexachloroethane	50.000	55.395	-10.8	100	0.00
91 T	1,2-Dichlorobenzene	50.000	53.591	-7.2	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.816	2.4	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.771	-3.5	95	0.00
94 T	Hexachlorobutadiene	50.000	51.179	-2.4	97	0.00
95 T	Naphthalene	50.000	50.246	-0.5	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.589	0.8	91	0.00

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