

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
 Data File : VY022838.D
 Acq On : 26 Jun 2025 10:07
 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 01:23:13 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	51.404	-2.8	105	0.00
3 P	Chloromethane	50.000	46.043	7.9	96	0.00
4 C	Vinyl Chloride	50.000	48.036	3.9#	94	0.00
5 T	Bromomethane	50.000	47.487	5.0	100	0.00
6 T	Chloroethane	50.000	48.606	2.8	97	0.00
7 T	Trichlorofluoromethane	50.000	47.880	4.2	93	0.00
8 T	Diethyl Ether	50.000	51.571	-3.1	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.912	-5.8	107	0.00
10 T	Methyl Iodide	50.000	57.101	-14.2	103	0.00
11 T	Tert butyl alcohol	250.000	246.087	1.6	96	-0.02
12 CM	1,1-Dichloroethene	50.000	53.806	-7.6#	107	0.00
13 T	Acrolein	250.000	220.841	11.7	91	0.00
14 T	Allyl chloride	50.000	53.054	-6.1	104	0.00
15 T	Acrylonitrile	250.000	263.590	-5.4	102	0.00
16 T	Acetone	250.000	309.400	-23.8	138	0.00
17 T	Carbon Disulfide	50.000	52.463	-4.9	104	0.00
18 T	Methyl Acetate	50.000	46.187	7.6	93	-0.01
19 T	Methyl tert-butyl Ether	50.000	53.146	-6.3	103	-0.01
20 T	Methylene Chloride	50.000	47.615	4.8	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.555	-5.1	103	0.00
22 T	Diisopropyl ether	50.000	52.931	-5.9	103	0.00
23 T	Vinyl Acetate	250.000	274.030	-9.6	104	0.00
24 P	1,1-Dichloroethane	50.000	52.371	-4.7	102	0.00
25 T	2-Butanone	250.000	280.777	-12.3	113	0.00
26 T	2,2-Dichloropropane	50.000	55.810	-11.6	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.011	-4.0	103	0.00
28 T	Bromochloromethane	50.000	48.571	2.9	94	0.00
29 T	Tetrahydrofuran	250.000	261.671	-4.7	100	0.00
30 C	Chloroform	50.000	51.615	-3.2#	102	0.00
31 T	Cyclohexane	50.000	52.186	-4.4	107	0.00
32 T	1,1,1-Trichloroethane	50.000	53.408	-6.8	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.442	3.1	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	49.693	0.6	97	0.00
36 T	1,1-Dichloropropene	50.000	55.218	-10.4	106	0.00
37 T	Ethyl Acetate	50.000	52.964	-5.9	100	-0.01
38 T	Carbon Tetrachloride	50.000	55.577	-11.2	108	0.00
39 T	Methylcyclohexane	50.000	56.925	-13.8	108	0.00
40 TM	Benzene	50.000	54.321	-8.6	103	0.00
41 T	Methacrylonitrile	50.000	51.181	-2.4	103	-0.01
42 TM	1,2-Dichloroethane	50.000	52.853	-5.7	101	0.00
43 T	Isopropyl Acetate	50.000	53.516	-7.0	99	0.00
44 TM	Trichloroethene	50.000	54.136	-8.3	101	0.00
45 C	1,2-Dichloropropane	50.000	53.869	-7.7#	103	0.00
46 T	Dibromomethane	50.000	52.894	-5.8	102	0.00
47 T	Bromodichloromethane	50.000	53.719	-7.4	102	0.00
48 T	Methyl methacrylate	50.000	54.709	-9.4	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	978.838	2.1	92	-0.01
50 S	Toluene-d8	50.000	50.666	-1.3	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	276.686	-10.7	101	0.00
52 CM	Toluene	50.000	55.764	-11.5#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	54.879	-9.8	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.683	-9.4	104	0.00
55 T	1,1,2-Trichloroethane	50.000	53.699	-7.4	101	0.00
56 T	Ethyl methacrylate	50.000	55.216	-10.4	100	0.00
57 T	1,3-Dichloropropane	50.000	53.531	-7.1	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	237.953	4.8	95	0.00
59 T	2-Hexanone	250.000	287.993	-15.2	106	0.00
60 T	Dibromochloromethane	50.000	53.660	-7.3	101	0.00
61 T	1,2-Dibromoethane	50.000	53.758	-7.5	101	0.00
62 S	4-Bromofluorobenzene	50.000	50.302	-0.6	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	54.637	-9.3	97	0.00
65 PM	Chlorobenzene	50.000	54.869	-9.7	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.051	-8.1	101	0.00
67 C	Ethyl Benzene	50.000	56.773	-13.5#	105	0.00
68 T	m/p-Xylenes	100.000	114.443	-14.4	106	0.00
69 T	o-Xylene	50.000	56.760	-13.5	105	0.00
70 T	Styrene	50.000	57.275	-14.5	105	0.00
71 P	Bromoform	50.000	53.020	-6.0	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	57.530	-15.1	107	0.00
74 T	N-amyl acetate	50.000	57.788	-15.6	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.537	-7.1	107	0.00
76 T	1,2,3-Trichloropropane	50.000	49.409	1.2	94	0.00
77 T	Bromobenzene	50.000	55.147	-10.3	103	0.00
78 T	n-propylbenzene	50.000	57.741	-15.5	108	0.00
79 T	2-Chlorotoluene	50.000	55.952	-11.9	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.562	-15.1	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.690	-11.4	108	0.00
82 T	4-Chlorotoluene	50.000	55.588	-11.2	104	0.00
83 T	tert-Butylbenzene	50.000	58.110	-16.2	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.071	-14.1	105	0.00
85 T	sec-Butylbenzene	50.000	58.122	-16.2	107	0.00
86 T	p-Isopropyltoluene	50.000	57.724	-15.4	106	0.00
87 T	1,3-Dichlorobenzene	50.000	55.125	-10.3	103	0.00
88 T	1,4-Dichlorobenzene	50.000	54.257	-8.5	102	0.00
89 T	n-Butylbenzene	50.000	57.717	-15.4	106	0.00
90 T	Hexachloroethane	50.000	54.236	-8.5	101	0.00
91 T	1,2-Dichlorobenzene	50.000	54.097	-8.2	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.928	0.1	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.074	-2.1	97	0.00
94 T	Hexachlorobutadiene	50.000	50.299	-0.6	98	0.00
95 T	Naphthalene	50.000	52.158	-4.3	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.190	1.6	93	0.00

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