

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070225\
 Data File : VY022903.D
 Acq On : 02 Jul 2025 10:37
 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: Jul 03 02:17:15 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	48.074	3.9	94	0.00
3 P	Chloromethane	50.000	54.938	-9.9	110	0.00
4 C	Vinyl Chloride	50.000	51.162	-2.3#	97	0.00
5 T	Bromomethane	50.000	50.387	-0.8	102	0.00
6 T	Chloroethane	50.000	52.370	-4.7	101	0.00
7 T	Trichlorofluoromethane	50.000	50.063	-0.1	94	0.00
8 T	Diethyl Ether	50.000	52.045	-4.1	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.252	-2.5	100	0.00
10 T	Methyl Iodide	50.000	52.645	-5.3	92	0.00
11 T	Tert butyl alcohol	250.000	229.738	8.1	87	0.00
12 CM	1,1-Dichloroethene	50.000	51.733	-3.5#	99	0.00
13 T	Acrolein	250.000	130.259	47.9#	52	0.00
14 T	Allyl chloride	50.000	55.134	-10.3	105	0.00
15 T	Acrylonitrile	250.000	268.343	-7.3	101	0.00
16 T	Acetone	250.000	308.962	-23.6	133	0.00
17 T	Carbon Disulfide	50.000	50.951	-1.9	97	0.00
18 T	Methyl Acetate	50.000	48.941	2.1	95	0.00
19 T	Methyl tert-butyl Ether	50.000	52.936	-5.9	99	0.00
20 T	Methylene Chloride	50.000	49.080	1.8	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.911	-3.8	99	0.00
22 T	Diisopropyl ether	50.000	54.863	-9.7	103	0.00
23 T	Vinyl Acetate	250.000	281.530	-12.6	103	0.00
24 P	1,1-Dichloroethane	50.000	53.984	-8.0	102	0.00
25 T	2-Butanone	250.000	284.947	-14.0	111	0.00
26 T	2,2-Dichloropropane	50.000	55.306	-10.6	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.765	-3.5	99	0.00
28 T	Bromochloromethane	50.000	51.825	-3.7	96	0.00
29 T	Tetrahydrofuran	250.000	270.605	-8.2	100	0.00
30 C	Chloroform	50.000	52.131	-4.3#	99	0.00
31 T	Cyclohexane	50.000	52.845	-5.7	104	0.00
32 T	1,1,1-Trichloroethane	50.000	53.205	-6.4	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.289	1.4	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	49.768	0.5	95	0.00
36 T	1,1-Dichloropropene	50.000	53.752	-7.5	101	0.00
37 T	Ethyl Acetate	50.000	55.392	-10.8	102	0.00
38 T	Carbon Tetrachloride	50.000	53.273	-6.5	101	0.00
39 T	Methylcyclohexane	50.000	54.971	-9.9	101	0.00
40 TM	Benzene	50.000	53.674	-7.3	99	0.00
41 T	Methacrylonitrile	50.000	48.479	3.0	95	0.00
42 TM	1,2-Dichloroethane	50.000	53.409	-6.8	99	0.00
43 T	Isopropyl Acetate	50.000	54.817	-9.6	99	0.00
44 TM	Trichloroethene	50.000	53.232	-6.5	97	0.00
45 C	1,2-Dichloropropane	50.000	54.743	-9.5#	102	0.00
46 T	Dibromomethane	50.000	51.562	-3.1	97	0.00
47 T	Bromodichloromethane	50.000	52.849	-5.7	98	0.00
48 T	Methyl methacrylate	50.000	55.754	-11.5	99	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	959.632	4.0	88	0.00
50 S	Toluene-d8	50.000	50.437	-0.9	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	283.019	-13.2	101	0.00
52 CM	Toluene	50.000	54.060	-8.1#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	54.960	-9.9	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.430	-8.9	101	0.00
55 T	1,1,2-Trichloroethane	50.000	53.244	-6.5	98	0.00
56 T	Ethyl methacrylate	50.000	55.677	-11.4	99	0.00
57 T	1,3-Dichloropropane	50.000	53.673	-7.3	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.320	-4.1	102	0.00
59 T	2-Hexanone	250.000	288.576	-15.4	104	0.00
60 T	Dibromochloromethane	50.000	52.630	-5.3	96	0.00
61 T	1,2-Dibromoethane	50.000	52.452	-4.9	97	0.00
62 S	4-Bromofluorobenzene	50.000	50.088	-0.2	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	52.699	-5.4	91	0.00
65 PM	Chlorobenzene	50.000	53.623	-7.2	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.117	-6.2	97	0.00
67 C	Ethyl Benzene	50.000	56.048	-12.1#	101	0.00
68 T	m/p-Xylenes	100.000	111.770	-11.8	101	0.00
69 T	o-Xylene	50.000	55.713	-11.4	101	0.00
70 T	Styrene	50.000	55.754	-11.5	99	0.00
71 P	Bromoform	50.000	53.058	-6.1	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	55.625	-11.3	101	0.00
74 T	N-amyl acetate	50.000	57.921	-15.8	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.300	-6.6	104	0.00
76 T	1,2,3-Trichloropropane	50.000	49.095	1.8	92	0.00
77 T	Bromobenzene	50.000	53.353	-6.7	98	0.00
78 T	n-propylbenzene	50.000	56.371	-12.7	103	0.00
79 T	2-Chlorotoluene	50.000	55.258	-10.5	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.899	-11.8	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.484	-13.0	107	0.00
82 T	4-Chlorotoluene	50.000	54.375	-8.8	100	0.00
83 T	tert-Butylbenzene	50.000	56.476	-13.0	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.864	-11.7	100	0.00
85 T	sec-Butylbenzene	50.000	56.954	-13.9	103	0.00
86 T	p-Isopropyltoluene	50.000	56.563	-13.1	102	0.00
87 T	1,3-Dichlorobenzene	50.000	54.130	-8.3	99	0.00
88 T	1,4-Dichlorobenzene	50.000	53.624	-7.2	99	0.00
89 T	n-Butylbenzene	50.000	57.570	-15.1	104	0.00
90 T	Hexachloroethane	50.000	54.266	-8.5	99	0.00
91 T	1,2-Dichlorobenzene	50.000	53.145	-6.3	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.851	-3.7	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.504	-5.0	97	0.00
94 T	Hexachlorobutadiene	50.000	50.846	-1.7	97	0.00
95 T	Naphthalene	50.000	52.284	-4.6	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.355	-0.7	93	0.00

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