

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022117.D
 Acq On : 01 May 2025 19:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 02 01:33:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 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	162	0.00
2 T	Dichlorodifluoromethane	50.000	46.216	7.6	163	0.00
3 P	Chloromethane	50.000	38.913	22.2	127	0.00
4 C	Vinyl Chloride	50.000	38.138	23.7#	126	0.00
5 T	Bromomethane	50.000	35.401	29.2#	124	0.00
6 T	Chloroethane	50.000	37.464	25.1#	125	0.00
7 T	Trichlorofluoromethane	50.000	44.115	11.8	147	0.00
8 T	Diethyl Ether	50.000	51.237	-2.5	172	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.298	7.4	164	0.00
10 T	Methyl Iodide	50.000	56.932	-13.9	181	0.00
11 T	Tert butyl alcohol	250.000	280.001	-12.0	176	0.00
12 CM	1,1-Dichloroethene	50.000	49.799	0.4#	170	0.00
13 T	Acrolein	250.000	150.711	39.7#	105	0.00
14 T	Allyl chloride	50.000	48.790	2.4	165	0.00
15 T	Acrylonitrile	250.000	243.537	2.6	158	0.00
16 T	Acetone	250.000	256.915	-2.8	159	0.00
17 T	Carbon Disulfide	50.000	44.605	10.8	154	0.00
18 T	Methyl Acetate	50.000	76.576	-53.2#	240	0.00
19 T	Methyl tert-butyl Ether	50.000	54.345	-8.7	173	0.00
20 T	Methylene Chloride	50.000	45.737	8.5	162	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.062	3.9	163	0.00
22 T	Diisopropyl ether	50.000	49.111	1.8	159	0.00
23 T	Vinyl Acetate	250.000	222.703	10.9	140	0.00
24 P	1,1-Dichloroethane	50.000	47.559	4.9	162	0.00
25 T	2-Butanone	250.000	236.741	5.3	153	0.00
26 T	2,2-Dichloropropane	50.000	44.248	11.5	151	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.858	0.3	165	0.00
28 T	Bromochloromethane	50.000	43.649	12.7	143	0.00
29 T	Tetrahydrofuran	250.000	243.773	2.5	148	0.00
30 C	Chloroform	50.000	47.854	4.3#	161	0.00
31 T	Cyclohexane	50.000	42.487	15.0	149	0.00
32 T	1,1,1-Trichloroethane	50.000	47.728	4.5	163	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.904	8.2	148	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	158	0.00
35 S	Dibromofluoromethane	50.000	49.326	1.3	156	0.00
36 T	1,1-Dichloropropene	50.000	46.228	7.5	152	0.00
37 T	Ethyl Acetate	50.000	47.048	5.9	147	0.00
38 T	Carbon Tetrachloride	50.000	48.498	3.0	160	0.00
39 T	Methylcyclohexane	50.000	46.900	6.2	150	0.00
40 TM	Benzene	50.000	47.922	4.2	157	0.00
41 T	Methacrylonitrile	50.000	52.167	-4.3	156	-0.01
42 TM	1,2-Dichloroethane	50.000	48.211	3.6	156	0.00
43 T	Isopropyl Acetate	50.000	49.718	0.6	154	0.00
44 TM	Trichloroethene	50.000	49.676	0.6	164	0.00
45 C	1,2-Dichloropropane	50.000	46.838	6.3#	151	0.00
46 T	Dibromomethane	50.000	48.316	3.4	156	0.00
47 T	Bromodichloromethane	50.000	49.076	1.8	158	0.00
48 T	Methyl methacrylate	50.000	51.420	-2.8	153	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	983.083	1.7	156	0.00
50 S	Toluene-d8	50.000	47.459	5.1	146	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.616	-0.6	148	0.00
52 CM	Toluene	50.000	48.855	2.3#	155	0.00
53 T	t-1,3-Dichloropropene	50.000	48.687	2.6	151	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.026	3.9	153	0.00
55 T	1,1,2-Trichloroethane	50.000	49.394	1.2	156	0.00
56 T	Ethyl methacrylate	50.000	53.079	-6.2	155	0.00
57 T	1,3-Dichloropropane	50.000	48.460	3.1	154	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	264.249	-5.7	149	0.00
59 T	2-Hexanone	250.000	255.220	-2.1	148	0.00
60 T	Dibromochloromethane	50.000	49.834	0.3	158	0.00
61 T	1,2-Dibromoethane	50.000	50.932	-1.9	161	0.00
62 S	4-Bromofluorobenzene	50.000	49.712	0.6	154	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	153	0.00
64 T	Tetrachloroethene	50.000	50.834	-1.7	161	0.00
65 PM	Chlorobenzene	50.000	49.658	0.7	156	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.163	-2.3	159	0.00
67 C	Ethyl Benzene	50.000	52.548	-5.1#	160	0.00
68 T	m/p-Xylenes	100.000	110.666	-10.7	167	0.00
69 T	o-Xylene	50.000	58.218	-16.4	173	0.00
70 T	Styrene	50.000	52.252	-4.5	154	0.00
71 P	Bromoform	50.000	54.295	-8.6	165	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	146	0.00
73 T	Isopropylbenzene	50.000	53.304	-6.6	157	0.00
74 T	N-amyl acetate	50.000	51.175	-2.3	145	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.390	1.2	148	0.00
76 T	1,2,3-Trichloropropane	50.000	46.943	6.1	145	0.00
77 T	Bromobenzene	50.000	54.761	-9.5	163	0.00
78 T	n-propylbenzene	50.000	53.341	-6.7	156	0.00
79 T	2-Chlorotoluene	50.000	53.716	-7.4	159	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.524	-17.0	168	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.326	3.3	142	0.00
82 T	4-Chlorotoluene	50.000	50.246	-0.5	149	0.00
83 T	tert-Butylbenzene	50.000	54.424	-8.8	158	0.00
84 T	1,2,4-Trimethylbenzene	50.000	76.710	-53.4#	222	0.00
85 T	sec-Butylbenzene	50.000	51.976	-4.0	153	0.00
86 T	p-Isopropyltoluene	50.000	52.554	-5.1	152	0.00
87 T	1,3-Dichlorobenzene	50.000	49.868	0.3	152	0.00
88 T	1,4-Dichlorobenzene	50.000	49.168	1.7	151	0.00
89 T	n-Butylbenzene	50.000	54.024	-8.0	158	0.00
90 T	Hexachloroethane	50.000	50.895	-1.8	157	0.00
91 T	1,2-Dichlorobenzene	50.000	50.989	-2.0	154	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.862	-5.7	165	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.392	-12.8	170	0.00
94 T	Hexachlorobutadiene	50.000	53.804	-7.6	171	0.00
95 T	Naphthalene	50.000	75.318	-50.6#	216	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.297	-16.6	177	0.00

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