

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022277.D
 Acq On : 16 May 2025 08:24
 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: May 17 01:26:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 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	80	0.00
2 T	Dichlorodifluoromethane	50.000	49.923	0.2	82	0.00
3 P	Chloromethane	50.000	48.598	2.8	81	0.00
4 C	Vinyl Chloride	50.000	54.773	-9.5#	88	0.00
5 T	Bromomethane	50.000	53.635	-7.3	97	0.00
6 T	Chloroethane	50.000	58.123	-16.2	93	0.00
7 T	Trichlorofluoromethane	50.000	52.672	-5.3	86	0.00
8 T	Diethyl Ether	50.000	51.977	-4.0	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.824	-5.6	84	0.00
10 T	Methyl Iodide	50.000	56.117	-12.2	81	0.00
11 T	Tert butyl alcohol	250.000	241.730	3.3	83	0.00
12 CM	1,1-Dichloroethene	50.000	53.251	-6.5#	84	0.00
13 T	Acrolein	250.000	204.899	18.0	71	0.00
14 T	Allyl chloride	50.000	51.302	-2.6	80	0.00
15 T	Acrylonitrile	250.000	259.711	-3.9	85	0.00
16 T	Acetone	250.000	250.886	-0.4	88	0.00
17 T	Carbon Disulfide	50.000	53.042	-6.1	84	0.00
18 T	Methyl Acetate	50.000	50.215	-0.4	86	0.00
19 T	Methyl tert-butyl Ether	50.000	52.321	-4.6	84	0.00
20 T	Methylene Chloride	50.000	47.645	4.7	84	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.998	-6.0	84	0.00
22 T	Diisopropyl ether	50.000	51.810	-3.6	82	0.00
23 T	Vinyl Acetate	250.000	251.128	-0.5	82	0.00
24 P	1,1-Dichloroethane	50.000	52.970	-5.9	84	0.00
25 T	2-Butanone	250.000	242.624	3.0	82	0.00
26 T	2,2-Dichloropropane	50.000	54.384	-8.8	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.093	-8.2	85	0.00
28 T	Bromochloromethane	50.000	51.625	-3.3	82	0.00
29 T	Tetrahydrofuran	250.000	246.422	1.4	81	0.00
30 C	Chloroform	50.000	54.713	-9.4#	86	0.00
31 T	Cyclohexane	50.000	49.457	1.1	82	0.00
32 T	1,1,1-Trichloroethane	50.000	53.304	-6.6	85	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.505	-1.0	81	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	51.525	-3.0	83	0.00
36 T	1,1-Dichloropropene	50.000	52.341	-4.7	83	0.00
37 T	Ethyl Acetate	50.000	48.715	2.6	80	0.00
38 T	Carbon Tetrachloride	50.000	52.737	-5.5	84	0.00
39 T	Methylcyclohexane	50.000	51.496	-3.0	82	0.00
40 TM	Benzene	50.000	53.771	-7.5	85	0.00
41 T	Methacrylonitrile	50.000	44.718	10.6	72	0.00
42 TM	1,2-Dichloroethane	50.000	52.870	-5.7	84	0.00
43 T	Isopropyl Acetate	50.000	49.654	0.7	81	0.00
44 TM	Trichloroethene	50.000	52.539	-5.1	83	0.00
45 C	1,2-Dichloropropane	50.000	52.735	-5.5#	84	0.00
46 T	Dibromomethane	50.000	51.869	-3.7	84	0.00
47 T	Bromodichloromethane	50.000	54.169	-8.3	85	0.00
48 T	Methyl methacrylate	50.000	49.534	0.9	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1001.752	-0.2	85	0.00
50 S	Toluene-d8	50.000	51.731	-3.5	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	247.383	1.0	80	0.00
52 CM	Toluene	50.000	53.192	-6.4#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	52.062	-4.1	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.441	-6.9	85	0.00
55 T	1,1,2-Trichloroethane	50.000	52.364	-4.7	85	0.00
56 T	Ethyl methacrylate	50.000	50.626	-1.3	82	0.00
57 T	1,3-Dichloropropane	50.000	52.534	-5.1	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	263.967	-5.6	79	0.00
59 T	2-Hexanone	250.000	243.243	2.7	81	0.00
60 T	Dibromochloromethane	50.000	53.672	-7.3	85	0.00
61 T	1,2-Dibromoethane	50.000	52.685	-5.4	85	0.00
62 S	4-Bromofluorobenzene	50.000	50.120	-0.2	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	51.645	-3.3	82	0.00
65 PM	Chlorobenzene	50.000	53.191	-6.4	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.937	-5.9	84	0.00
67 C	Ethyl Benzene	50.000	52.887	-5.8#	83	0.00
68 T	m/p-Xylenes	100.000	106.465	-6.5	84	0.00
69 T	o-Xylene	50.000	53.401	-6.8	85	0.00
70 T	Styrene	50.000	53.337	-6.7	84	0.00
71 P	Bromoform	50.000	51.173	-2.3	83	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73 T	Isopropylbenzene	50.000	53.338	-6.7	84	0.00
74 T	N-amyl acetate	50.000	49.797	0.4	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.057	-2.1	83	0.00
76 T	1,2,3-Trichloropropane	50.000	53.312	-6.6	86	0.00
77 T	Bromobenzene	50.000	52.632	-5.3	83	0.00
78 T	n-propylbenzene	50.000	53.604	-7.2	84	0.00
79 T	2-Chlorotoluene	50.000	53.269	-6.5	84	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.075	-6.2	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.601	4.8	81	0.00
82 T	4-Chlorotoluene	50.000	53.249	-6.5	83	0.00
83 T	tert-Butylbenzene	50.000	52.865	-5.7	83	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.733	-7.5	84	0.00
85 T	sec-Butylbenzene	50.000	53.545	-7.1	83	0.00
86 T	p-Isopropyltoluene	50.000	53.506	-7.0	83	0.00
87 T	1,3-Dichlorobenzene	50.000	53.186	-6.4	84	0.00
88 T	1,4-Dichlorobenzene	50.000	52.554	-5.1	84	0.00
89 T	n-Butylbenzene	50.000	54.360	-8.7	83	0.00
90 T	Hexachloroethane	50.000	53.238	-6.5	84	0.00
91 T	1,2-Dichlorobenzene	50.000	52.616	-5.2	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.767	-1.5	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.983	-6.0	83	0.00
94 T	Hexachlorobutadiene	50.000	52.696	-5.4	82	0.00
95 T	Naphthalene	50.000	50.663	-1.3	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.679	-3.4	82	0.00

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