

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
 Data File : VY022652.D
 Acq On : 11 Jun 2025 09:59
 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 12 05:02:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 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	75	0.00
2 T	Dichlorodifluoromethane	50.000	44.633	10.7	73	0.00
3 P	Chloromethane	50.000	51.880	-3.8	84	0.00
4 C	Vinyl Chloride	50.000	55.897	-11.8#	86	0.00
5 T	Bromomethane	50.000	44.819	10.4	80	0.00
6 T	Chloroethane	50.000	53.279	-6.6	87	0.00
7 T	Trichlorofluoromethane	50.000	54.391	-8.8	87	0.00
8 T	Diethyl Ether	50.000	48.566	2.9	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.746	0.5	76	0.00
10 T	Methyl Iodide	50.000	50.351	-0.7	70	0.00
11 T	Tert butyl alcohol	250.000	232.995	6.8	71	-0.01
12 CM	1,1-Dichloroethene	50.000	48.677	2.6#	74	-0.01
13 T	Acrolein	250.000	115.103	54.0#	36	0.00
14 T	Allyl chloride	50.000	46.712	6.6	72	-0.01
15 T	Acrylonitrile	250.000	247.609	1.0	73	0.00
16 T	Acetone	250.000	212.487	15.0	63	0.00
17 T	Carbon Disulfide	50.000	47.420	5.2	72	0.00
18 T	Methyl Acetate	50.000	50.535	-1.1	77	0.00
19 T	Methyl tert-butyl Ether	50.000	48.760	2.5	74	-0.02
20 T	Methylene Chloride	50.000	46.721	6.6	79	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.515	1.0	76	-0.02
22 T	Diisopropyl ether	50.000	49.152	1.7	74	0.00
23 T	Vinyl Acetate	250.000	238.054	4.8	72	0.00
24 P	1,1-Dichloroethane	50.000	50.908	-1.8	78	0.00
25 T	2-Butanone	250.000	236.409	5.4	69	0.00
26 T	2,2-Dichloropropane	50.000	49.833	0.3	75	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.321	-0.6	75	0.00
28 T	Bromochloromethane	50.000	51.267	-2.5	80	0.00
29 T	Tetrahydrofuran	250.000	238.466	4.6	72	0.00
30 C	Chloroform	50.000	51.947	-3.9#	79	0.00
31 T	Cyclohexane	50.000	44.059	11.9	70	0.00
32 T	1,1,1-Trichloroethane	50.000	51.247	-2.5	77	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.295	-6.6	76	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35 S	Dibromofluoromethane	50.000	54.732	-9.5	77	0.00
36 T	1,1-Dichloropropene	50.000	49.883	0.2	75	0.00
37 T	Ethyl Acetate	50.000	48.679	2.6	69	-0.01
38 T	Carbon Tetrachloride	50.000	51.363	-2.7	76	0.00
39 T	Methylcyclohexane	50.000	47.635	4.7	71	0.00
40 TM	Benzene	50.000	51.219	-2.4	77	0.00
41 T	Methacrylonitrile	50.000	47.810	4.4	73	0.00
42 TM	1,2-Dichloroethane	50.000	51.210	-2.4	78	0.00
43 T	Isopropyl Acetate	50.000	47.665	4.7	70	0.00
44 TM	Trichloroethene	50.000	52.755	-5.5	79	0.00
45 C	1,2-Dichloropropane	50.000	51.503	-3.0#	77	0.00
46 T	Dibromomethane	50.000	52.423	-4.8	78	0.00
47 T	Bromodichloromethane	50.000	52.817	-5.6	78	0.00
48 T	Methyl methacrylate	50.000	47.036	5.9	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	951.195	4.9	74	0.00
50 S	Toluene-d8	50.000	54.889	-9.8	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	248.232	0.7	72	0.00
52 CM	Toluene	50.000	51.844	-3.7#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	51.731	-3.5	77	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.121	-2.2	76	0.00
55 T	1,1,2-Trichloroethane	50.000	50.652	-1.3	77	0.00
56 T	Ethyl methacrylate	50.000	49.753	0.5	73	0.00
57 T	1,3-Dichloropropane	50.000	50.976	-2.0	76	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	274.143	-9.7	83	0.00
59 T	2-Hexanone	250.000	242.841	2.9	71	0.00
60 T	Dibromochloromethane	50.000	51.909	-3.8	77	0.00
61 T	1,2-Dibromoethane	50.000	51.536	-3.1	77	0.00
62 S	4-Bromofluorobenzene	50.000	53.948	-7.9	79	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64 T	Tetrachloroethene	50.000	57.985	-16.0	87	0.00
65 PM	Chlorobenzene	50.000	52.170	-4.3	79	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.156	-4.3	78	0.00
67 C	Ethyl Benzene	50.000	51.549	-3.1#	77	0.00
68 T	m/p-Xylenes	100.000	102.714	-2.7	77	0.00
69 T	o-Xylene	50.000	52.136	-4.3	79	0.00
70 T	Styrene	50.000	52.154	-4.3	78	0.00
71 P	Bromoform	50.000	50.392	-0.8	76	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	51.212	-2.4	78	0.00
74 T	N-amyl acetate	50.000	47.644	4.7	70	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.263	5.5	71	0.00
76 T	1,2,3-Trichloropropane	50.000	42.921	14.2	60	0.00
77 T	Bromobenzene	50.000	50.220	-0.4	77	0.00
78 T	n-propylbenzene	50.000	50.847	-1.7	77	0.00
79 T	2-Chlorotoluene	50.000	50.518	-1.0	77	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.032	-2.1	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.473	3.1	75	0.00
82 T	4-Chlorotoluene	50.000	50.043	-0.1	76	0.00
83 T	tert-Butylbenzene	50.000	50.858	-1.7	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.520	-1.0	77	0.00
85 T	sec-Butylbenzene	50.000	50.596	-1.2	77	0.00
86 T	p-Isopropyltoluene	50.000	51.264	-2.5	78	0.00
87 T	1,3-Dichlorobenzene	50.000	51.355	-2.7	80	0.00
88 T	1,4-Dichlorobenzene	50.000	49.953	0.1	77	0.00
89 T	n-Butylbenzene	50.000	50.734	-1.5	76	0.00
90 T	Hexachloroethane	50.000	51.856	-3.7	79	0.00
91 T	1,2-Dichlorobenzene	50.000	51.900	-3.8	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.472	1.1	71	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.755	0.5	76	0.00
94 T	Hexachlorobutadiene	50.000	50.999	-2.0	78	0.00
95 T	Naphthalene	50.000	48.688	2.6	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.319	1.4	75	0.00

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