

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070125\
 Data File : VY022901.D
 Acq On : 01 Jul 2025 16:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 02 02:48:44 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	88	0.00
2 T	Dichlorodifluoromethane	50.000	44.665	10.7	79	0.00
3 P	Chloromethane	50.000	44.951	10.1	82	0.00
4 C	Vinyl Chloride	50.000	46.455	7.1#	80	0.00
5 T	Bromomethane	50.000	44.343	11.3	81	0.00
6 T	Chloroethane	50.000	48.173	3.7	84	0.00
7 T	Trichlorofluoromethane	50.000	45.563	8.9	78	0.00
8 T	Diethyl Ether	50.000	49.891	0.2	86	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.597	0.8	88	0.00
10 T	Methyl Iodide	50.000	52.098	-4.2	82	0.00
11 T	Tert butyl alcohol	250.000	223.512	10.6	77	-0.02
12 CM	1,1-Dichloroethene	50.000	49.445	1.1#	86	-0.01
13 T	Acrolein	250.000	125.995	49.6#	45	-0.01
14 T	Allyl chloride	50.000	51.301	-2.6	88	-0.01
15 T	Acrylonitrile	250.000	251.379	-0.6	85	-0.01
16 T	Acetone	250.000	269.800	-7.9	105	-0.01
17 T	Carbon Disulfide	50.000	48.179	3.6	83	0.00
18 T	Methyl Acetate	50.000	42.507	15.0	75	-0.01
19 T	Methyl tert-butyl Ether	50.000	49.328	1.3	83	-0.01
20 T	Methylene Chloride	50.000	47.492	5.0	94	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.257	1.5	85	-0.01
22 T	Diisopropyl ether	50.000	52.164	-4.3	89	-0.01
23 T	Vinyl Acetate	250.000	261.462	-4.6	87	-0.01
24 P	1,1-Dichloroethane	50.000	51.012	-2.0	87	-0.01
25 T	2-Butanone	250.000	257.999	-3.2	91	-0.01
26 T	2,2-Dichloropropane	50.000	50.679	-1.4	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.238	-0.5	87	0.00
28 T	Bromochloromethane	50.000	51.707	-3.4	87	0.00
29 T	Tetrahydrofuran	250.000	247.950	0.8	83	-0.01
30 C	Chloroform	50.000	49.700	0.6#	86	0.00
31 T	Cyclohexane	50.000	48.866	2.3	87	0.00
32 T	1,1,1-Trichloroethane	50.000	50.203	-0.4	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.881	0.2	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	51.359	-2.7	88	-0.01
36 T	1,1-Dichloropropene	50.000	52.111	-4.2	88	0.00
37 T	Ethyl Acetate	50.000	51.752	-3.5	85	-0.01
38 T	Carbon Tetrachloride	50.000	50.239	-0.5	85	0.00
39 T	Methylcyclohexane	50.000	52.281	-4.6	86	-0.01
40 TM	Benzene	50.000	51.710	-3.4	85	0.00
41 T	Methacrylonitrile	50.000	47.828	4.3	84	-0.02
42 TM	1,2-Dichloroethane	50.000	51.411	-2.8	85	0.00
43 T	Isopropyl Acetate	50.000	51.686	-3.4	84	0.00
44 TM	Trichloroethene	50.000	51.860	-3.7	85	0.00
45 C	1,2-Dichloropropane	50.000	53.095	-6.2#	89	0.00
46 T	Dibromomethane	50.000	50.566	-1.1	85	0.00
47 T	Bromodichloromethane	50.000	51.752	-3.5	86	0.00
48 T	Methyl methacrylate	50.000	52.147	-4.3	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	950.493	5.0	78	-0.01
50 S	Toluene-d8	50.000	51.331	-2.7	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	263.968	-5.6	84	0.00
52 CM	Toluene	50.000	52.291	-4.6#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	51.988	-4.0	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.097	-4.2	86	0.00
55 T	1,1,2-Trichloroethane	50.000	51.218	-2.4	84	0.00
56 T	Ethyl methacrylate	50.000	52.764	-5.5	84	0.00
57 T	1,3-Dichloropropane	50.000	51.068	-2.1	85	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	256.014	-2.4	89	0.00
59 T	2-Hexanone	250.000	261.127	-4.5	84	0.00
60 T	Dibromochloromethane	50.000	51.373	-2.7	84	0.00
61 T	1,2-Dibromoethane	50.000	50.470	-0.9	83	0.00
62 S	4-Bromofluorobenzene	50.000	50.804	-1.6	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	52.379	-4.8	83	0.00
65 PM	Chlorobenzene	50.000	50.509	-1.0	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.763	-1.5	85	0.00
67 C	Ethyl Benzene	50.000	52.345	-4.7#	87	0.00
68 T	m/p-Xylenes	100.000	105.372	-5.4	87	0.00
69 T	o-Xylene	50.000	52.310	-4.6	87	0.00
70 T	Styrene	50.000	52.188	-4.4	86	0.00
71 P	Bromoform	50.000	48.337	3.3	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	52.465	-4.9	86	0.00
74 T	N-ethyl acetate	50.000	53.097	-6.2	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.005	4.0	85	0.00
76 T	1,2,3-Trichloropropane	50.000	49.540	0.9	84	0.00
77 T	Bromobenzene	50.000	49.796	0.4	83	0.00
78 T	n-propylbenzene	50.000	53.304	-6.6	88	0.00
79 T	2-Chlorotoluene	50.000	51.926	-3.9	86	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.771	-5.5	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.177	3.6	83	0.00
82 T	4-Chlorotoluene	50.000	51.727	-3.5	86	0.00
83 T	tert-Butylbenzene	50.000	52.925	-5.8	86	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.601	-5.2	85	0.00
85 T	sec-Butylbenzene	50.000	53.571	-7.1	87	0.00
86 T	p-Isopropyltoluene	50.000	53.084	-6.2	86	0.00
87 T	1,3-Dichlorobenzene	50.000	51.520	-3.0	86	0.00
88 T	1,4-Dichlorobenzene	50.000	50.231	-0.5	84	0.00
89 T	n-Butylbenzene	50.000	53.347	-6.7	87	0.00
90 T	Hexachloroethane	50.000	51.609	-3.2	85	0.00
91 T	1,2-Dichlorobenzene	50.000	49.919	0.2	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.269	9.5	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	46.151	7.7	77	0.00
94 T	Hexachlorobutadiene	50.000	46.388	7.2	80	0.00
95 T	Naphthalene	50.000	45.065	9.9	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.605	10.8	75	0.00

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