

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051225\
 Data File : VY022208.D
 Acq On : 12 May 2025 08:26
 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 13 02:13:45 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	72	0.00
2 T	Dichlorodifluoromethane	50.000	43.325	13.3	68	0.00
3 P	Chloromethane	50.000	44.523	11.0	65	0.00
4 C	Vinyl Chloride	50.000	48.634	2.7#	72	0.00
5 T	Bromomethane	50.000	43.309	13.4	68	0.00
6 T	Chloroethane	50.000	50.422	-0.8	75	0.00
7 T	Trichlorofluoromethane	50.000	47.187	5.6	70	0.00
8 T	Diethyl Ether	50.000	45.694	8.6	68	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.303	-0.6	79	0.00
10 T	Methyl Iodide	50.000	49.936	0.1	71	0.00
11 T	Tert butyl alcohol	250.000	220.949	11.6	62	-0.02
12 CM	1,1-Dichloroethene	50.000	47.522	5.0#	73	0.00
13 T	Acrolein	250.000	53.648	78.5#	17	0.00
14 T	Allyl chloride	50.000	51.343	-2.7	77	0.00
15 T	Acrylonitrile	250.000	238.339	4.7	69	0.00
16 T	Acetone	250.000	267.790	-7.1	74	0.00
17 T	Carbon Disulfide	50.000	45.728	8.5	70	0.00
18 T	Methyl Acetate	50.000	57.563	-15.1	81	0.00
19 T	Methyl tert-butyl Ether	50.000	48.947	2.1	70	0.00
20 T	Methylene Chloride	50.000	46.424	7.2	74	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.397	1.2	75	0.01
22 T	Diisopropyl ether	50.000	53.727	-7.5	78	0.00
23 T	Vinyl Acetate	250.000	254.853	-1.9	72	0.00
24 P	1,1-Dichloroethane	50.000	51.599	-3.2	78	0.00
25 T	2-Butanone	250.000	242.016	3.2	70	0.00
26 T	2,2-Dichloropropane	50.000	53.598	-7.2	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.186	-0.4	74	0.00
28 T	Bromochloromethane	50.000	51.082	-2.2	75	0.00
29 T	Tetrahydrofuran	250.000	248.897	0.4	68	0.00
30 C	Chloroform	50.000	51.740	-3.5#	78	0.00
31 T	Cyclohexane	50.000	50.303	-0.6	79	0.00
32 T	1,1,1-Trichloroethane	50.000	51.729	-3.5	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.821	4.4	69	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	69	0.00
35 S	Dibromofluoromethane	50.000	50.965	-1.9	70	0.00
36 T	1,1-Dichloropropene	50.000	54.810	-9.6	78	0.00
37 T	Ethyl Acetate	50.000	49.863	0.3	68	0.00
38 T	Carbon Tetrachloride	50.000	55.372	-10.7	79	0.00
39 T	Methylcyclohexane	50.000	54.195	-8.4	76	0.00
40 TM	Benzene	50.000	53.973	-7.9	77	0.00
41 T	Methacrylonitrile	50.000	47.003	6.0	61	0.00
42 TM	1,2-Dichloroethane	50.000	54.126	-8.3	76	0.00
43 T	Isopropyl Acetate	50.000	50.161	-0.3	68	0.00
44 TM	Trichloroethene	50.000	52.459	-4.9	75	0.00
45 C	1,2-Dichloropropane	50.000	55.954	-11.9#	79	0.00
46 T	Dibromomethane	50.000	52.598	-5.2	74	0.00
47 T	Bromodichloromethane	50.000	55.580	-11.2	78	0.00
48 T	Methyl methacrylate	50.000	54.257	-8.5	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	988.661	1.1	68	0.00
50 S	Toluene-d8	50.000	52.022	-4.0	70	0.00
51 T	4-Methyl-2-Pentanone	250.000	272.545	-9.0	70	0.00
52 CM	Toluene	50.000	56.297	-12.6#	78	0.00
53 T	t-1,3-Dichloropropene	50.000	53.863	-7.7	73	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.666	-9.3	76	0.00
55 T	1,1,2-Trichloroethane	50.000	53.262	-6.5	73	0.00
56 T	Ethyl methacrylate	50.000	52.361	-4.7	67	0.00
57 T	1,3-Dichloropropane	50.000	55.297	-10.6	76	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	272.765	-9.1	67	0.00
59 T	2-Hexanone	250.000	269.120	-7.6	68	0.00
60 T	Dibromochloromethane	50.000	53.967	-7.9	75	0.00
61 T	1,2-Dibromoethane	50.000	52.996	-6.0	73	0.00
62 S	4-Bromofluorobenzene	50.000	52.238	-4.5	71	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	70	0.00
64 T	Tetrachloroethene	50.000	51.716	-3.4	75	0.00
65 PM	Chlorobenzene	50.000	53.414	-6.8	77	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.401	-8.8	77	0.00
67 C	Ethyl Benzene	50.000	55.419	-10.8#	77	0.00
68 T	m/p-Xylenes	100.000	112.111	-12.1	77	0.00
69 T	o-Xylene	50.000	55.683	-11.4	76	0.00
70 T	Styrene	50.000	57.168	-14.3	77	0.00
71 P	Bromoform	50.000	52.728	-5.5	73	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73 T	Isopropylbenzene	50.000	53.854	-7.7	78	0.00
74 T	N-ethyl acetate	50.000	48.925	2.2	68	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.353	-0.7	74	0.00
76 T	1,2,3-Trichloropropane	50.000	51.351	-2.7	78	0.00
77 T	Bromobenzene	50.000	51.026	-2.1	75	0.00
78 T	n-propylbenzene	50.000	54.561	-9.1	78	0.00
79 T	2-Chlorotoluene	50.000	53.370	-6.7	78	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.851	-9.7	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.091	-2.2	74	0.00
82 T	4-Chlorotoluene	50.000	53.639	-7.3	78	0.00
83 T	tert-Butylbenzene	50.000	54.225	-8.5	77	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.445	-8.9	77	0.00
85 T	sec-Butylbenzene	50.000	55.140	-10.3	79	0.00
86 T	p-Isopropyltoluene	50.000	55.074	-10.1	78	0.00
87 T	1,3-Dichlorobenzene	50.000	52.394	-4.8	78	0.00
88 T	1,4-Dichlorobenzene	50.000	51.475	-3.0	78	0.00
89 T	n-Butylbenzene	50.000	54.509	-9.0	78	0.00
90 T	Hexachloroethane	50.000	52.668	-5.3	80	0.00
91 T	1,2-Dichlorobenzene	50.000	51.620	-3.2	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.816	6.4	72	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.091	1.8	73	0.00
94 T	Hexachlorobutadiene	50.000	50.405	-0.8	79	0.00
95 T	Naphthalene	50.000	46.992	6.0	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.516	1.0	74	0.00

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