

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050825\
 Data File : VY022199.D
 Acq On : 08 May 2025 09:18
 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 09 05:04:39 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	44.337	11.3	70	0.00
3 P	Chloromethane	50.000	52.307	-4.6	76	0.00
4 C	Vinyl Chloride	50.000	53.091	-6.2#	78	0.00
5 T	Bromomethane	50.000	50.926	-1.9	79	0.00
6 T	Chloroethane	50.000	53.530	-7.1	80	0.00
7 T	Trichlorofluoromethane	50.000	50.608	-1.2	75	0.00
8 T	Diethyl Ether	50.000	43.795	12.4	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.399	1.2	78	0.00
10 T	Methyl Iodide	50.000	48.121	3.8	68	0.00
11 T	Tert butyl alcohol	250.000	232.682	6.9	65	0.00
12 CM	1,1-Dichloroethene	50.000	47.485	5.0#	73	0.00
13 T	Acrolein	250.000	80.449	67.8#	25	0.00
14 T	Allyl chloride	50.000	48.921	2.2	74	0.00
15 T	Acrylonitrile	250.000	242.861	2.9	71	0.00
16 T	Acetone	250.000	302.799	-21.1	83	0.00
17 T	Carbon Disulfide	50.000	45.374	9.3	70	0.00
18 T	Methyl Acetate	50.000	52.785	-5.6	74	0.00
19 T	Methyl tert-butyl Ether	50.000	48.518	3.0	69	0.00
20 T	Methylene Chloride	50.000	45.609	8.8	72	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.279	3.4	73	0.01
22 T	Diisopropyl ether	50.000	52.617	-5.2	76	0.00
23 T	Vinyl Acetate	250.000	257.144	-2.9	72	0.00
24 P	1,1-Dichloroethane	50.000	49.911	0.2	76	0.00
25 T	2-Butanone	250.000	255.529	-2.2	74	0.00
26 T	2,2-Dichloropropane	50.000	52.337	-4.7	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.794	4.4	70	0.00
28 T	Bromochloromethane	50.000	48.683	2.6	71	0.00
29 T	Tetrahydrofuran	250.000	253.400	-1.4	69	0.00
30 C	Chloroform	50.000	50.208	-0.4#	75	0.00
31 T	Cyclohexane	50.000	49.692	0.6	78	0.00
32 T	1,1,1-Trichloroethane	50.000	49.719	0.6	76	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.287	-0.6	72	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	68	0.00
35 S	Dibromofluoromethane	50.000	52.363	-4.7	72	0.00
36 T	1,1-Dichloropropene	50.000	53.901	-7.8	77	0.00
37 T	Ethyl Acetate	50.000	52.657	-5.3	71	0.00
38 T	Carbon Tetrachloride	50.000	53.463	-6.9	76	0.00
39 T	Methylcyclohexane	50.000	53.566	-7.1	75	0.00
40 TM	Benzene	50.000	52.632	-5.3	75	0.00
41 T	Methacrylonitrile	50.000	54.364	-8.7	71	0.00
42 TM	1,2-Dichloroethane	50.000	53.048	-6.1	74	0.00
43 T	Isopropyl Acetate	50.000	52.733	-5.5	71	0.00
44 TM	Trichloroethene	50.000	50.766	-1.5	73	0.00
45 C	1,2-Dichloropropane	50.000	53.749	-7.5#	75	0.00
46 T	Dibromomethane	50.000	51.881	-3.8	73	0.00
47 T	Bromodichloromethane	50.000	52.950	-5.9	74	0.00
48 T	Methyl methacrylate	50.000	52.906	-5.8	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	989.242	1.1	68	0.00
50 S	Toluene-d8	50.000	54.735	-9.5	73	0.00
51 T	4-Methyl-2-Pentanone	250.000	282.683	-13.1	72	0.00
52 CM	Toluene	50.000	54.659	-9.3#	75	0.00
53 T	t-1,3-Dichloropropene	50.000	53.030	-6.1	72	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.149	-6.3	74	0.00
55 T	1,1,2-Trichloroethane	50.000	52.711	-5.4	72	0.00
56 T	Ethyl methacrylate	50.000	54.726	-9.5	69	0.00
57 T	1,3-Dichloropropane	50.000	53.508	-7.0	74	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	281.032	-12.4	69	0.00
59 T	2-Hexanone	250.000	288.746	-15.5	73	0.00
60 T	Dibromochloromethane	50.000	52.844	-5.7	73	0.00
61 T	1,2-Dibromoethane	50.000	52.345	-4.7	72	0.00
62 S	4-Bromofluorobenzene	50.000	55.524	-11.0	75	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64 T	Tetrachloroethene	50.000	51.023	-2.0	73	0.00
65 PM	Chlorobenzene	50.000	51.549	-3.1	74	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.707	-5.4	75	0.00
67 C	Ethyl Benzene	50.000	54.036	-8.1#	75	0.00
68 T	m/p-Xylenes	100.000	109.807	-9.8	76	0.00
69 T	o-Xylene	50.000	54.636	-9.3	74	0.00
70 T	Styrene	50.000	55.656	-11.3	74	0.00
71 P	Bromoform	50.000	52.653	-5.3	73	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73 T	Isopropylbenzene	50.000	52.201	-4.4	76	0.00
74 T	N-amyl acetate	50.000	51.232	-2.5	72	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.449	-0.9	75	0.00
76 T	1,2,3-Trichloropropane	50.000	51.371	-2.7	79	0.00
77 T	Bromobenzene	50.000	49.789	0.4	74	0.00
78 T	n-propylbenzene	50.000	53.704	-7.4	78	0.00
79 T	2-Chlorotoluene	50.000	51.663	-3.3	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.102	-6.2	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.535	-1.1	74	0.00
82 T	4-Chlorotoluene	50.000	52.242	-4.5	77	0.00
83 T	tert-Butylbenzene	50.000	52.637	-5.3	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.917	-5.8	76	0.00
85 T	sec-Butylbenzene	50.000	53.990	-8.0	78	0.00
86 T	p-Isopropyltoluene	50.000	53.457	-6.9	77	0.00
87 T	1,3-Dichlorobenzene	50.000	49.792	0.4	75	0.00
88 T	1,4-Dichlorobenzene	50.000	49.501	1.0	75	0.00
89 T	n-Butylbenzene	50.000	54.192	-8.4	79	0.00
90 T	Hexachloroethane	50.000	51.202	-2.4	78	0.00
91 T	1,2-Dichlorobenzene	50.000	50.242	-0.5	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.358	3.3	75	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.272	-0.5	75	0.00
94 T	Hexachlorobutadiene	50.000	51.204	-2.4	81	0.00
95 T	Naphthalene	50.000	50.327	-0.7	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.933	0.1	75	0.00

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