

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022614.D
 Acq On : 09 Jun 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: Jun 10 01:22:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	46.752	6.5	93	0.00
3 P	Chloromethane	50.000	42.559	14.9	84	0.00
4 C	Vinyl Chloride	50.000	50.776	-1.6#	95	0.00
5 T	Bromomethane	50.000	41.149	17.7	89	0.00
6 T	Chloroethane	50.000	52.307	-4.6	104	0.00
7 T	Trichlorofluoromethane	50.000	51.831	-3.7	101	0.00
8 T	Diethyl Ether	50.000	48.352	3.3	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.787	0.4	93	0.00
10 T	Methyl Iodide	50.000	50.524	-1.0	85	0.00
11 T	Tert butyl alcohol	250.000	236.793	5.3	88	-0.01
12 CM	1,1-Dichloroethene	50.000	51.235	-2.5#	95	0.00
13 T	Acrolein	250.000	128.015	48.8#	49	0.00
14 T	Allyl chloride	50.000	51.247	-2.5	96	0.00
15 T	Acrylonitrile	250.000	243.878	2.4	88	0.00
16 T	Acetone	250.000	252.473	-1.0	91	0.00
17 T	Carbon Disulfide	50.000	49.996	0.0	92	0.00
18 T	Methyl Acetate	50.000	53.397	-6.8	99	0.00
19 T	Methyl tert-butyl Ether	50.000	48.849	2.3	90	0.00
20 T	Methylene Chloride	50.000	47.588	4.8	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.093	-2.2	96	0.00
22 T	Diisopropyl ether	50.000	51.386	-2.8	95	0.00
23 T	Vinyl Acetate	250.000	242.421	3.0	89	0.00
24 P	1,1-Dichloroethane	50.000	52.631	-5.3	98	0.00
25 T	2-Butanone	250.000	247.769	0.9	88	0.00
26 T	2,2-Dichloropropane	50.000	54.218	-8.4	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.892	-3.8	94	0.00
28 T	Bromochloromethane	50.000	52.863	-5.7	100	0.00
29 T	Tetrahydrofuran	250.000	236.384	5.4	87	0.00
30 C	Chloroform	50.000	53.239	-6.5#	98	0.00
31 T	Cyclohexane	50.000	47.342	5.3	92	0.00
32 T	1,1,1-Trichloroethane	50.000	53.437	-6.9	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.199	-0.4	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	54.205	-8.4	91	0.00
36 T	1,1-Dichloropropene	50.000	53.654	-7.3	97	0.00
37 T	Ethyl Acetate	50.000	47.415	5.2	81	0.00
38 T	Carbon Tetrachloride	50.000	53.369	-6.7	94	0.00
39 T	Methylcyclohexane	50.000	50.321	-0.6	90	0.00
40 TM	Benzene	50.000	54.044	-8.1	97	0.00
41 T	Methacrylonitrile	50.000	43.034	13.9	79	-0.01
42 TM	1,2-Dichloroethane	50.000	52.298	-4.6	95	0.00
43 T	Isopropyl Acetate	50.000	48.245	3.5	85	0.00
44 TM	Trichloroethene	50.000	54.216	-8.4	96	0.00
45 C	1,2-Dichloropropane	50.000	54.015	-8.0#	96	0.00
46 T	Dibromomethane	50.000	51.789	-3.6	92	0.00
47 T	Bromodichloromethane	50.000	53.339	-6.7	95	0.00
48 T	Methyl methacrylate	50.000	50.642	-1.3	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	958.258	4.2	89	-0.01
50 S	Toluene-d8	50.000	52.975	-6.0	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	247.451	1.0	86	0.00
52 CM	Toluene	50.000	53.534	-7.1#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	53.326	-6.7	94	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.508	-7.0	95	0.00
55 T	1,1,2-Trichloroethane	50.000	51.474	-2.9	93	0.00
56 T	Ethyl methacrylate	50.000	48.370	3.3	84	0.00
57 T	1,3-Dichloropropane	50.000	51.244	-2.5	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.249	-6.1	96	0.00
59 T	2-Hexanone	250.000	247.800	0.9	86	0.00
60 T	Dibromochloromethane	50.000	51.858	-3.7	92	0.00
61 T	1,2-Dibromoethane	50.000	52.204	-4.4	94	0.00
62 S	4-Bromofluorobenzene	50.000	52.338	-4.7	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	54.224	-8.4	98	0.00
65 PM	Chlorobenzene	50.000	51.927	-3.9	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.793	-5.6	95	0.00
67 C	Ethyl Benzene	50.000	53.455	-6.9#	96	0.00
68 T	m/p-Xylenes	100.000	105.334	-5.3	96	0.00
69 T	o-Xylene	50.000	52.589	-5.2	96	0.00
70 T	Styrene	50.000	52.980	-6.0	95	0.00
71 P	Bromoform	50.000	50.199	-0.4	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	52.260	-4.5	95	0.00
74 T	N-amyl acetate	50.000	48.085	3.8	85	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.975	2.0	88	0.00
76 T	1,2,3-Trichloropropane	50.000	48.391	3.2	80	0.00
77 T	Bromobenzene	50.000	51.178	-2.4	93	0.00
78 T	n-propylbenzene	50.000	52.223	-4.4	94	0.00
79 T	2-Chlorotoluene	50.000	51.991	-4.0	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.646	-5.3	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.866	-1.7	94	0.00
82 T	4-Chlorotoluene	50.000	51.676	-3.4	93	0.00
83 T	tert-Butylbenzene	50.000	51.977	-4.0	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.195	-4.4	96	0.00
85 T	sec-Butylbenzene	50.000	52.519	-5.0	95	0.00
86 T	p-Isopropyltoluene	50.000	51.931	-3.9	95	0.00
87 T	1,3-Dichlorobenzene	50.000	51.950	-3.9	96	0.00
88 T	1,4-Dichlorobenzene	50.000	51.822	-3.6	95	0.00
89 T	n-Butylbenzene	50.000	52.982	-6.0	95	0.00
90 T	Hexachloroethane	50.000	52.317	-4.6	95	0.00
91 T	1,2-Dichlorobenzene	50.000	51.640	-3.3	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.356	-0.7	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.326	-2.7	93	0.00
94 T	Hexachlorobutadiene	50.000	51.217	-2.4	94	0.00
95 T	Naphthalene	50.000	48.476	3.0	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.041	1.9	89	0.00

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