

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
 Data File : VY022538.D
 Acq On : 04 Jun 2025 09:54
 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 05 04:08:41 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	44.814	10.4	87	0.00
3 P	Chloromethane	50.000	41.378	17.2	79	0.00
4 C	Vinyl Chloride	50.000	50.022	-0.0#	91	0.00
5 T	Bromomethane	50.000	41.882	16.2	88	0.00
6 T	Chloroethane	50.000	51.460	-2.9	100	0.00
7 T	Trichlorofluoromethane	50.000	51.463	-2.9	98	0.00
8 T	Diethyl Ether	50.000	47.829	4.3	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.655	2.7	88	0.00
10 T	Methyl Iodide	50.000	49.986	0.0	82	0.00
11 T	Tert butyl alcohol	250.000	227.331	9.1	82	-0.02
12 CM	1,1-Dichloroethene	50.000	49.894	0.2#	90	-0.01
13 T	Acrolein	250.000	213.058	14.8	79	0.00
14 T	Allyl chloride	50.000	49.667	0.7	90	0.00
15 T	Acrylonitrile	250.000	235.291	5.9	83	0.00
16 T	Acetone	250.000	274.197	-9.7	96	0.00
17 T	Carbon Disulfide	50.000	48.404	3.2	87	0.00
18 T	Methyl Acetate	50.000	51.330	-2.7	92	-0.01
19 T	Methyl tert-butyl Ether	50.000	48.322	3.4	86	0.00
20 T	Methylene Chloride	50.000	43.934	12.1	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.091	-0.2	92	0.00
22 T	Diisopropyl ether	50.000	49.283	1.4	88	0.00
23 T	Vinyl Acetate	250.000	236.032	5.6	84	0.00
24 P	1,1-Dichloroethane	50.000	51.250	-2.5	93	0.00
25 T	2-Butanone	250.000	250.736	-0.3	87	-0.01
26 T	2,2-Dichloropropane	50.000	51.193	-2.4	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.980	-2.0	90	0.00
28 T	Bromochloromethane	50.000	49.623	0.8	92	0.00
29 T	Tetrahydrofuran	250.000	229.379	8.2	83	0.00
30 C	Chloroform	50.000	51.148	-2.3#	92	0.00
31 T	Cyclohexane	50.000	45.964	8.1	87	0.00
32 T	1,1,1-Trichloroethane	50.000	50.587	-1.2	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.309	-0.6	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	51.754	-3.5	87	0.00
36 T	1,1-Dichloropropene	50.000	49.807	0.4	89	0.00
37 T	Ethyl Acetate	50.000	47.304	5.4	80	0.00
38 T	Carbon Tetrachloride	50.000	49.727	0.5	88	0.00
39 T	Methylcyclohexane	50.000	47.727	4.5	85	0.00
40 TM	Benzene	50.000	50.792	-1.6	91	0.00
41 T	Methacrylonitrile	50.000	46.739	6.5	85	0.00
42 TM	1,2-Dichloroethane	50.000	49.361	1.3	89	0.00
43 T	Isopropyl Acetate	50.000	47.106	5.8	83	0.00
44 TM	Trichloroethene	50.000	51.205	-2.4	91	0.00
45 C	1,2-Dichloropropane	50.000	50.071	-0.1#	89	0.00
46 T	Dibromomethane	50.000	48.104	3.8	86	0.00
47 T	Bromodichloromethane	50.000	50.497	-1.0	89	0.00
48 T	Methyl methacrylate	50.000	47.717	4.6	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	899.629	10.0	84	0.00
50 S	Toluene-d8	50.000	52.566	-5.1	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	237.102	5.2	82	0.00
52 CM	Toluene	50.000	50.467	-0.9#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	49.207	1.6	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.108	-0.2	88	0.00
55 T	1,1,2-Trichloroethane	50.000	48.401	3.2	88	0.00
56 T	Ethyl methacrylate	50.000	47.850	4.3	83	0.00
57 T	1,3-Dichloropropane	50.000	48.617	2.8	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.615	-5.0	95	0.00
59 T	2-Hexanone	250.000	247.792	0.9	86	0.00
60 T	Dibromochloromethane	50.000	48.542	2.9	86	0.00
61 T	1,2-Dibromoethane	50.000	48.485	3.0	87	0.00
62 S	4-Bromofluorobenzene	50.000	51.223	-2.4	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	50.969	-1.9	90	0.00
65 PM	Chlorobenzene	50.000	50.749	-1.5	90	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.736	-1.5	89	0.00
67 C	Ethyl Benzene	50.000	51.222	-2.4#	90	0.00
68 T	m/p-Xylenes	100.000	101.329	-1.3	90	0.00
69 T	o-Xylene	50.000	50.687	-1.4	90	0.00
70 T	Styrene	50.000	51.330	-2.7	90	0.00
71 P	Bromoform	50.000	47.947	4.1	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	50.411	-0.8	90	0.00
74 T	N-amyl acetate	50.000	47.389	5.2	83	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.284	5.4	84	0.00
76 T	1,2,3-Trichloropropane	50.000	52.505	-5.0	86	0.00
77 T	Bromobenzene	50.000	48.563	2.9	87	0.00
78 T	n-propylbenzene	50.000	50.480	-1.0	90	0.00
79 T	2-Chlorotoluene	50.000	49.984	0.0	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.265	-0.5	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.053	5.9	86	0.00
82 T	4-Chlorotoluene	50.000	50.204	-0.4	89	0.00
83 T	tert-Butylbenzene	50.000	50.407	-0.8	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.528	-1.1	91	0.00
85 T	sec-Butylbenzene	50.000	50.571	-1.1	91	0.00
86 T	p-Isopropyltoluene	50.000	50.880	-1.8	92	0.00
87 T	1,3-Dichlorobenzene	50.000	50.153	-0.3	92	0.00
88 T	1,4-Dichlorobenzene	50.000	50.135	-0.3	91	0.00
89 T	n-Butylbenzene	50.000	51.772	-3.5	92	0.00
90 T	Hexachloroethane	50.000	50.693	-1.4	91	0.00
91 T	1,2-Dichlorobenzene	50.000	49.680	0.6	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.928	6.1	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.109	-0.2	90	0.00
94 T	Hexachlorobutadiene	50.000	49.759	0.5	90	0.00
95 T	Naphthalene	50.000	48.149	3.7	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.801	2.4	88	0.00

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