

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
 Data File : VY022145.D
 Acq On : 05 May 2025 08:46
 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 06 05:18:40 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	43.929	12.1	89	0.00
3 P	Chloromethane	50.000	44.193	11.6	83	0.00
4 C	Vinyl Chloride	50.000	45.901	8.2#	88	0.00
5 T	Bromomethane	50.000	41.387	17.2	84	0.00
6 T	Chloroethane	50.000	43.970	12.1	85	0.00
7 T	Trichlorofluoromethane	50.000	45.927	8.1	88	0.00
8 T	Diethyl Ether	50.000	45.905	8.2	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.352	5.3	97	0.00
10 T	Methyl Iodide	50.000	48.326	3.3	89	0.00
11 T	Tert butyl alcohol	250.000	231.296	7.5	84	0.00
12 CM	1,1-Dichloroethene	50.000	47.553	4.9#	94	0.00
13 T	Acrolein	250.000	124.956	50.0#	50	0.00
14 T	Allyl chloride	50.000	47.571	4.9	93	0.00
15 T	Acrylonitrile	250.000	235.378	5.8	89	0.00
16 T	Acetone	250.000	257.728	-3.1	92	0.00
17 T	Carbon Disulfide	50.000	44.306	11.4	88	0.01
18 T	Methyl Acetate	50.000	54.193	-8.4	98	0.00
19 T	Methyl tert-butyl Ether	50.000	49.847	0.3	92	0.00
20 T	Methylene Chloride	50.000	45.663	8.7	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.497	5.0	93	0.01
22 T	Diisopropyl ether	50.000	49.807	0.4	93	0.00
23 T	Vinyl Acetate	250.000	244.768	2.1	89	0.00
24 P	1,1-Dichloroethane	50.000	47.860	4.3	94	0.00
25 T	2-Butanone	250.000	238.488	4.6	89	0.00
26 T	2,2-Dichloropropane	50.000	50.391	-0.8	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.965	2.1	93	0.00
28 T	Bromochloromethane	50.000	47.760	4.5	90	0.00
29 T	Tetrahydrofuran	250.000	246.313	1.5	87	0.00
30 C	Chloroform	50.000	48.804	2.4#	95	0.00
31 T	Cyclohexane	50.000	46.963	6.1	95	0.00
32 T	1,1,1-Trichloroethane	50.000	48.496	3.0	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.708	4.6	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	49.177	1.6	89	0.00
36 T	1,1-Dichloropropene	50.000	50.333	-0.7	95	0.00
37 T	Ethyl Acetate	50.000	48.702	2.6	87	0.00
38 T	Carbon Tetrachloride	50.000	50.908	-1.8	96	0.00
39 T	Methylcyclohexane	50.000	51.187	-2.4	94	0.00
40 TM	Benzene	50.000	50.056	-0.1	94	0.00
41 T	Methacrylonitrile	50.000	55.458	-10.9	95	0.00
42 TM	1,2-Dichloroethane	50.000	51.493	-3.0	95	0.00
43 T	Isopropyl Acetate	50.000	49.819	0.4	88	0.00
44 TM	Trichloroethene	50.000	50.021	-0.0	94	0.00
45 C	1,2-Dichloropropane	50.000	51.207	-2.4#	94	0.00
46 T	Dibromomethane	50.000	50.312	-0.6	93	0.00
47 T	Bromodichloromethane	50.000	51.319	-2.6	94	0.00
48 T	Methyl methacrylate	50.000	52.721	-5.4	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	997.352	0.3	91	0.00
50 S	Toluene-d8	50.000	49.907	0.2	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	264.723	-5.9	89	0.00
52 CM	Toluene	50.000	51.956	-3.9#	94	0.00
53 T	t-1,3-Dichloropropene	50.000	51.928	-3.9	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.667	-3.3	94	0.00
55 T	1,1,2-Trichloroethane	50.000	51.742	-3.5	93	0.00
56 T	Ethyl methacrylate	50.000	52.583	-5.2	88	0.00
57 T	1,3-Dichloropropane	50.000	51.177	-2.4	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	268.418	-7.4	86	0.00
59 T	2-Hexanone	250.000	267.843	-7.1	89	0.00
60 T	Dibromochloromethane	50.000	51.138	-2.3	93	0.00
61 T	1,2-Dibromoethane	50.000	51.775	-3.5	94	0.00
62 S	4-Bromofluorobenzene	50.000	50.932	-1.9	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	52.270	-4.5	98	0.00
65 PM	Chlorobenzene	50.000	50.610	-1.2	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.569	-1.1	93	0.00
67 C	Ethyl Benzene	50.000	51.872	-3.7#	94	0.00
68 T	m/p-Xylenes	100.000	104.029	-4.0	93	0.00
69 T	o-Xylene	50.000	52.398	-4.8	93	0.00
70 T	Styrene	50.000	53.321	-6.6	93	0.00
71 P	Bromoform	50.000	49.915	0.2	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	52.254	-4.5	95	0.00
74 T	N-amyl acetate	50.000	49.288	1.4	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.871	2.3	90	0.00
76 T	1,2,3-Trichloropropane	50.000	51.057	-2.1	97	0.00
77 T	Bromobenzene	50.000	51.057	-2.1	94	0.00
78 T	n-propylbenzene	50.000	52.656	-5.3	95	0.00
79 T	2-Chlorotoluene	50.000	51.489	-3.0	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.733	-5.5	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.520	-1.0	92	0.00
82 T	4-Chlorotoluene	50.000	51.909	-3.8	95	0.00
83 T	tert-Butylbenzene	50.000	52.224	-4.4	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.705	-5.4	94	0.00
85 T	sec-Butylbenzene	50.000	52.666	-5.3	95	0.00
86 T	p-Isopropyltoluene	50.000	52.460	-4.9	94	0.00
87 T	1,3-Dichlorobenzene	50.000	49.477	1.0	93	0.00
88 T	1,4-Dichlorobenzene	50.000	49.489	1.0	93	0.00
89 T	n-Butylbenzene	50.000	52.205	-4.4	94	0.00
90 T	Hexachloroethane	50.000	50.010	-0.0	95	0.00
91 T	1,2-Dichlorobenzene	50.000	50.315	-0.6	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.642	0.7	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.241	-0.5	93	0.00
94 T	Hexachlorobutadiene	50.000	49.910	0.2	98	0.00
95 T	Naphthalene	50.000	51.336	-2.7	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.599	-1.2	94	0.00

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