

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042425\
 Data File : VY021987.D
 Acq On : 24 Apr 2025 08:31
 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: Apr 25 01:22:12 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	46.723	6.6	100	0.00
3 P	Chloromethane	50.000	48.439	3.1	97	0.00
4 C	Vinyl Chloride	50.000	48.189	3.6#	98	0.00
5 T	Bromomethane	50.000	45.834	8.3	98	0.00
6 T	Chloroethane	50.000	48.928	2.1	100	0.00
7 T	Trichlorofluoromethane	50.000	48.910	2.2	99	0.00
8 T	Diethyl Ether	50.000	44.093	11.8	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.521	3.0	105	0.00
10 T	Methyl Iodide	50.000	51.329	-2.7	100	0.00
11 T	Tert butyl alcohol	250.000	207.644	16.9	80	0.00
12 CM	1,1-Dichloroethene	50.000	48.246	3.5#	101	0.00
13 T	Acrolein	250.000	181.224	27.5#	77	0.00
14 T	Allyl chloride	50.000	47.668	4.7	98	0.00
15 T	Acrylonitrile	250.000	232.359	7.1	92	0.00
16 T	Acetone	250.000	252.842	-1.1	96	0.00
17 T	Carbon Disulfide	50.000	48.702	2.6	103	0.00
18 T	Methyl Acetate	50.000	47.103	5.8	90	0.00
19 T	Methyl tert-butyl Ether	50.000	47.437	5.1	92	0.00
20 T	Methylene Chloride	50.000	43.072	13.9	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.383	3.2	100	0.01
22 T	Diisopropyl ether	50.000	49.208	1.6	97	0.00
23 T	Vinyl Acetate	250.000	245.153	1.9	94	0.00
24 P	1,1-Dichloroethane	50.000	47.593	4.8	99	0.00
25 T	2-Butanone	250.000	231.447	7.4	91	0.00
26 T	2,2-Dichloropropane	50.000	49.779	0.4	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.203	1.6	99	0.00
28 T	Bromochloromethane	50.000	46.504	7.0	93	0.00
29 T	Tetrahydrofuran	250.000	235.621	5.8	88	0.00
30 C	Chloroform	50.000	48.480	3.0#	100	0.00
31 T	Cyclohexane	50.000	48.768	2.5	104	0.00
32 T	1,1,1-Trichloroethane	50.000	49.047	1.9	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.036	9.9	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	49.714	0.6	92	0.00
36 T	1,1-Dichloropropene	50.000	53.478	-7.0	103	0.00
37 T	Ethyl Acetate	50.000	49.148	1.7	89	0.00
38 T	Carbon Tetrachloride	50.000	53.694	-7.4	103	0.00
39 T	Methylcyclohexane	50.000	55.204	-10.4	103	0.00
40 TM	Benzene	50.000	52.292	-4.6	100	0.00
41 T	Methacrylonitrile	50.000	46.598	6.8	81	0.00
42 TM	1,2-Dichloroethane	50.000	51.984	-4.0	98	0.00
43 T	Isopropyl Acetate	50.000	49.361	1.3	89	0.00
44 TM	Trichloroethene	50.000	52.165	-4.3	101	0.00
45 C	1,2-Dichloropropane	50.000	51.678	-3.4#	97	0.00
46 T	Dibromomethane	50.000	51.714	-3.4	98	0.00
47 T	Bromodichloromethane	50.000	52.377	-4.8	98	0.00
48 T	Methyl methacrylate	50.000	52.445	-4.9	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	966.803	3.3	90	0.00
50 S	Toluene-d8	50.000	51.068	-2.1	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.799	-5.1	91	0.00
52 CM	Toluene	50.000	53.860	-7.7#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	52.326	-4.7	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.334	-4.7	97	0.00
55 T	1,1,2-Trichloroethane	50.000	52.653	-5.3	97	0.00
56 T	Ethyl methacrylate	50.000	53.820	-7.6	92	0.00
57 T	1,3-Dichloropropane	50.000	51.773	-3.5	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	274.313	-9.7	90	0.00
59 T	2-Hexanone	250.000	267.863	-7.1	91	0.00
60 T	Dibromochloromethane	50.000	52.216	-4.4	97	0.00
61 T	1,2-Dibromoethane	50.000	51.380	-2.8	95	0.00
62 S	4-Bromofluorobenzene	50.000	51.027	-2.1	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	50.300	-0.6	97	0.00
65 PM	Chlorobenzene	50.000	51.623	-3.2	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.054	-4.1	99	0.00
67 C	Ethyl Benzene	50.000	53.938	-7.9#	100	0.00
68 T	m/p-Xylenes	100.000	110.212	-10.2	102	0.00
69 T	o-Xylene	50.000	54.566	-9.1	99	0.00
70 T	Styrene	50.000	54.733	-9.5	98	0.00
71 P	Bromoform	50.000	51.228	-2.5	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	53.174	-6.3	102	0.00
74 T	N-amyl acetate	50.000	48.902	2.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.175	1.7	96	0.00
76 T	1,2,3-Trichloropropane	50.000	50.307	-0.6	101	0.00
77 T	Bromobenzene	50.000	50.687	-1.4	98	0.00
78 T	n-propylbenzene	50.000	53.560	-7.1	102	0.00
79 T	2-Chlorotoluene	50.000	51.456	-2.9	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.016	-6.0	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.440	5.1	91	0.00
82 T	4-Chlorotoluene	50.000	51.492	-3.0	99	0.00
83 T	tert-Butylbenzene	50.000	52.188	-4.4	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.234	-6.5	100	0.00
85 T	sec-Butylbenzene	50.000	53.646	-7.3	102	0.00
86 T	p-Isopropyltoluene	50.000	54.030	-8.1	102	0.00
87 T	1,3-Dichlorobenzene	50.000	50.767	-1.5	101	0.00
88 T	1,4-Dichlorobenzene	50.000	50.247	-0.5	100	0.00
89 T	n-Butylbenzene	50.000	53.272	-6.5	101	0.00
90 T	Hexachloroethane	50.000	49.304	1.4	99	0.00
91 T	1,2-Dichlorobenzene	50.000	50.795	-1.6	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.648	6.7	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.753	-1.5	100	0.00
94 T	Hexachlorobutadiene	50.000	51.182	-2.4	106	0.00
95 T	Naphthalene	50.000	50.662	-1.3	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.897	-1.8	100	0.00

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