

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
 Data File : VY021997.D
 Acq On : 25 Apr 2025 09:30
 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 22:53:56 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	47.555	4.9	97	0.00
3 P	Chloromethane	50.000	49.730	0.5	94	0.00
4 C	Vinyl Chloride	50.000	49.195	1.6#	95	0.00
5 T	Bromomethane	50.000	45.031	9.9	92	0.00
6 T	Chloroethane	50.000	49.355	1.3	96	0.00
7 T	Trichlorofluoromethane	50.000	47.964	4.1	93	0.00
8 T	Diethyl Ether	50.000	44.731	10.5	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.931	2.1	101	0.00
10 T	Methyl Iodide	50.000	51.995	-4.0	96	0.00
11 T	Tert butyl alcohol	250.000	203.357	18.7	74	0.00
12 CM	1,1-Dichloroethene	50.000	48.558	2.9#	97	0.00
13 T	Acrolein	250.000	157.162	37.1#	63	0.00
14 T	Allyl chloride	50.000	48.579	2.8	95	0.00
15 T	Acrylonitrile	250.000	229.257	8.3	87	0.00
16 T	Acetone	250.000	240.982	3.6	87	0.00
17 T	Carbon Disulfide	50.000	49.919	0.2	100	0.00
18 T	Methyl Acetate	50.000	50.484	-1.0	92	0.00
19 T	Methyl tert-butyl Ether	50.000	47.799	4.4	89	0.00
20 T	Methylene Chloride	50.000	45.602	8.8	94	0.01
21 T	trans-1,2-Dichloroethene	50.000	50.590	-1.2	100	0.01
22 T	Diisopropyl ether	50.000	50.877	-1.8	96	0.00
23 T	Vinyl Acetate	250.000	242.280	3.1	89	0.00
24 P	1,1-Dichloroethane	50.000	49.588	0.8	98	0.00
25 T	2-Butanone	250.000	224.266	10.3	84	0.00
26 T	2,2-Dichloropropane	50.000	50.637	-1.3	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.340	-0.7	97	0.00
28 T	Bromochloromethane	50.000	49.733	0.5	95	0.00
29 T	Tetrahydrofuran	250.000	228.609	8.6	81	0.00
30 C	Chloroform	50.000	50.655	-1.3#	99	0.00
31 T	Cyclohexane	50.000	49.629	0.7	101	0.00
32 T	1,1,1-Trichloroethane	50.000	50.093	-0.2	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.059	1.9	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	54.160	-8.3	96	0.00
36 T	1,1-Dichloropropene	50.000	54.344	-8.7	100	0.00
37 T	Ethyl Acetate	50.000	46.841	6.3	82	0.00
38 T	Carbon Tetrachloride	50.000	54.302	-8.6	101	0.00
39 T	Methylcyclohexane	50.000	55.043	-10.1	99	0.00
40 TM	Benzene	50.000	54.038	-8.1	99	0.00
41 T	Methacrylonitrile	50.000	50.360	-0.7	85	0.00
42 TM	1,2-Dichloroethane	50.000	52.635	-5.3	95	0.00
43 T	Isopropyl Acetate	50.000	48.143	3.7	84	0.00
44 TM	Trichloroethene	50.000	52.595	-5.2	98	0.00
45 C	1,2-Dichloropropane	50.000	53.466	-6.9#	97	0.00
46 T	Dibromomethane	50.000	52.126	-4.3	95	0.00
47 T	Bromodichloromethane	50.000	53.951	-7.9	97	0.00
48 T	Methyl methacrylate	50.000	51.869	-3.7	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	974.032	2.6	87	0.00
50 S	Toluene-d8	50.000	55.963	-11.9	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.583	-2.6	85	0.00
52 CM	Toluene	50.000	55.873	-11.7#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	52.777	-5.6	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.562	-7.1	96	0.00
55 T	1,1,2-Trichloroethane	50.000	52.663	-5.3	93	0.00
56 T	Ethyl methacrylate	50.000	51.770	-3.5	85	0.00
57 T	1,3-Dichloropropane	50.000	53.333	-6.7	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.490	0.2	79	0.00
59 T	2-Hexanone	250.000	252.874	-1.1	83	0.00
60 T	Dibromochloromethane	50.000	54.278	-8.6	97	0.00
61 T	1,2-Dibromoethane	50.000	52.997	-6.0	94	0.00
62 S	4-Bromofluorobenzene	50.000	54.149	-8.3	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	52.727	-5.5	99	0.00
65 PM	Chlorobenzene	50.000	52.843	-5.7	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.563	-7.1	99	0.00
67 C	Ethyl Benzene	50.000	54.793	-9.6#	99	0.00
68 T	m/p-Xylenes	100.000	112.701	-12.7	101	0.00
69 T	o-Xylene	50.000	55.708	-11.4	98	0.00
70 T	Styrene	50.000	56.044	-12.1	98	0.00
71 P	Bromoform	50.000	51.266	-2.5	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	54.841	-9.7	99	0.00
74 T	N-amyl acetate	50.000	47.134	5.7	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.946	0.1	92	0.00
76 T	1,2,3-Trichloropropane	50.000	50.129	-0.3	95	0.00
77 T	Bromobenzene	50.000	53.680	-7.4	98	0.00
78 T	n-propylbenzene	50.000	55.297	-10.6	99	0.00
79 T	2-Chlorotoluene	50.000	53.985	-8.0	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.588	-11.2	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.924	4.2	86	0.00
82 T	4-Chlorotoluene	50.000	54.790	-9.6	99	0.00
83 T	tert-Butylbenzene	50.000	54.334	-8.7	96	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.652	-11.3	99	0.00
85 T	sec-Butylbenzene	50.000	55.188	-10.4	99	0.00
86 T	p-Isopropyltoluene	50.000	55.687	-11.4	99	0.00
87 T	1,3-Dichlorobenzene	50.000	52.642	-5.3	98	0.00
88 T	1,4-Dichlorobenzene	50.000	52.087	-4.2	98	0.00
89 T	n-Butylbenzene	50.000	54.469	-8.9	97	0.00
90 T	Hexachloroethane	50.000	52.390	-4.8	99	0.00
91 T	1,2-Dichlorobenzene	50.000	52.547	-5.1	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.760	8.5	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.181	-2.4	94	0.00
94 T	Hexachlorobutadiene	50.000	51.342	-2.7	100	0.00
95 T	Naphthalene	50.000	48.626	2.7	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.147	-0.3	93	0.00

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