

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019069.D
 Acq On : 14 Aug 2024 19:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 14 21:50:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 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	48	0.00
2 T	Dichlorodifluoromethane	50.000	42.081	15.8	41	0.00
3 P	Chloromethane	50.000	55.094	-10.2	48	0.00
4 C	Vinyl Chloride	50.000	51.941	-3.9#	47	0.00
5 T	Bromomethane	50.000	55.269	-10.5	56	0.00
6 T	Chloroethane	50.000	54.065	-8.1	50	0.00
7 T	Trichlorofluoromethane	50.000	58.599	-17.2	56	0.00
8 T	Diethyl Ether	50.000	47.590	4.8	44	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.605	6.8	44	0.00
10 T	Methyl Iodide	50.000	49.506	1.0	40	-0.01
11 T	Tert butyl alcohol	250.000	243.426	2.6	45	-0.01
12 CM	1,1-Dichloroethene	50.000	49.067	1.9#	45	-0.01
13 T	Acrolein	250.000	164.215	34.3#	32	0.00
14 T	Allyl chloride	50.000	46.891	6.2	42	0.00
15 T	Acrylonitrile	250.000	265.739	-6.3	48	0.00
16 T	Acetone	250.000	179.464	28.2#	30	0.00
17 T	Carbon Disulfide	50.000	45.546	8.9	41	-0.01
18 T	Methyl Acetate	50.000	55.681	-11.4	55	0.00
19 T	Methyl tert-butyl Ether	50.000	49.473	1.1	45	0.00
20 T	Methylene Chloride	50.000	55.080	-10.2	48	-0.01
21 T	trans-1,2-Dichloroethene	50.000	50.685	-1.4	46	0.00
22 T	Diisopropyl ether	50.000	51.632	-3.3	47	0.00
23 T	Vinyl Acetate	250.000	256.001	-2.4	46	0.00
24 P	1,1-Dichloroethane	50.000	50.523	-1.0	47	0.00
25 T	2-Butanone	250.000	240.001	4.0	41	0.00
26 T	2,2-Dichloropropane	50.000	39.059	21.9	36	-0.01
27 T	cis-1,2-Dichloroethene	50.000	51.469	-2.9	47	0.00
28 T	Bromochloromethane	50.000	59.853	-19.7	58	0.00
29 T	Tetrahydrofuran	250.000	264.063	-5.6	49	0.00
30 C	Chloroform	50.000	52.092	-4.2#	47	-0.01
31 T	Cyclohexane	50.000	46.040	7.9	41	-0.01
32 T	1,1,1-Trichloroethane	50.000	51.599	-3.2	46	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.233	-10.5	53	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	47	0.00
35 S	Dibromofluoromethane	50.000	55.349	-10.7	52	0.00
36 T	1,1-Dichloropropene	50.000	48.365	3.3	45	0.00
37 T	Ethyl Acetate	50.000	55.153	-10.3	51	-0.01
38 T	Carbon Tetrachloride	50.000	49.359	1.3	45	0.00
39 T	Methylcyclohexane	50.000	45.779	8.4	41	0.00
40 TM	Benzene	50.000	51.203	-2.4	46	-0.01
41 T	Methacrylonitrile	50.000	60.312	-20.6	48	-0.01
42 TM	1,2-Dichloroethane	50.000	54.791	-9.6	49	0.00
43 T	Isopropyl Acetate	50.000	52.235	-4.5	46	0.00
44 TM	Trichloroethene	50.000	50.181	-0.4	46	0.00
45 C	1,2-Dichloropropane	50.000	52.841	-5.7#	47	0.00
46 T	Dibromomethane	50.000	57.237	-14.5	50	0.00
47 T	Bromodichloromethane	50.000	53.530	-7.1	48	0.00
48 T	Methyl methacrylate	50.000	51.196	-2.4	46	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1178.178	-17.8	57	0.00
50 S	Toluene-d8	50.000	52.315	-4.6	50	0.00
51 T	4-Methyl-2-Pentanone	250.000	294.812	-17.9	52	0.00
52 CM	Toluene	50.000	53.898	-7.8#	49	0.00
53 T	t-1,3-Dichloropropene	50.000	50.297	-0.6	44	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.412	-0.8	44	0.00
55 T	1,1,2-Trichloroethane	50.000	54.962	-9.9	49	0.00
56 T	Ethyl methacrylate	50.000	50.225	-0.5	45	0.00
57 T	1,3-Dichloropropane	50.000	54.623	-9.2	48	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	277.633	-11.1	52	0.00
59 T	2-Hexanone	250.000	264.036	-5.6	45	0.00
60 T	Dibromochloromethane	50.000	59.577	-19.2	52	0.00
61 T	1,2-Dibromoethane	50.000	55.495	-11.0	51	0.00
62 S	4-Bromofluorobenzene	50.000	51.452	-2.9	50	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	49	0.00
64 T	Tetrachloroethene	50.000	56.392	-12.8	53	0.00
65 PM	Chlorobenzene	50.000	51.675	-3.3	48	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.325	-4.7	49	0.00
67 C	Ethyl Benzene	50.000	49.780	0.4#	46	0.00
68 T	m/p-Xylenes	100.000	100.655	-0.7	47	0.00
69 T	o-Xylene	50.000	51.485	-3.0	48	0.00
70 T	Styrene	50.000	52.154	-4.3	46	0.00
71 P	Bromoform	50.000	56.405	-12.8	52	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	52	0.00
73 T	Isopropylbenzene	50.000	45.827	8.3	46	0.00
74 T	N-amyl acetate	50.000	48.373	3.3	47	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.591	0.8	50	0.00
76 T	1,2,3-Trichloropropane	50.000	42.168	15.7	42	0.00
77 T	Bromobenzene	50.000	48.548	2.9	49	0.00
78 T	n-propylbenzene	50.000	44.836	10.3	45	0.00
79 T	2-Chlorotoluene	50.000	46.957	6.1	47	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.249	7.5	46	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.046	9.9	46	0.00
82 T	4-Chlorotoluene	50.000	47.005	6.0	47	0.00
83 T	tert-Butylbenzene	50.000	46.773	6.5	45	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.687	6.6	46	0.00
85 T	sec-Butylbenzene	50.000	45.753	8.5	46	0.00
86 T	p-Isopropyltoluene	50.000	47.232	5.5	45	0.00
87 T	1,3-Dichlorobenzene	50.000	50.228	-0.5	49	0.00
88 T	1,4-Dichlorobenzene	50.000	49.184	1.6	49	0.00
89 T	n-Butylbenzene	50.000	45.391	9.2	44	0.00
90 T	Hexachloroethane	50.000	49.262	1.5	48	0.00
91 T	1,2-Dichlorobenzene	50.000	50.691	-1.4	49	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.909	8.2	49	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.558	-5.1	52	0.00
94 T	Hexachlorobutadiene	50.000	48.974	2.1	47	0.00
95 T	Naphthalene	50.000	50.732	-1.5	50	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.781	-5.6	52	0.00

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