

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015742.D
 Acq On : 28 Sep 2023 10:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 29 01:23:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 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	90	0.02
2 T	Dichlorodifluoromethane	50.000	49.963	0.1	83	0.01
3 P	Chloromethane	50.000	49.642	0.7	83	0.01
4 C	Vinyl Chloride	50.000	52.277	-4.6#	87	0.01
5 T	Bromomethane	50.000	45.239	9.5	82	0.02
6 T	Chloroethane	50.000	53.102	-6.2	89	0.01
7 T	Trichlorofluoromethane	50.000	50.834	-1.7	88	0.02
8 T	Diethyl Ether	50.000	48.841	2.3	84	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.172	-2.3	88	0.01
10 T	Methyl Iodide	50.000	47.821	4.4	83	0.02
11 T	Tert butyl alcohol	250.000	209.203	16.3	82	0.04
12 CM	1,1-Dichloroethene	50.000	49.678	0.6#	86	0.02
13 T	Acrolein	250.000	192.395	23.0	69	0.02
14 T	Allyl chloride	50.000	48.975	2.0	83	0.02
15 T	Acrylonitrile	250.000	218.195	12.7	78	0.02
16 T	Acetone	250.000	213.430	14.6	80	0.03
17 T	Carbon Disulfide	50.000	47.645	4.7	77	0.02
18 T	Methyl Acetate	50.000	44.907	10.2	80	0.02
19 T	Methyl tert-butyl Ether	50.000	48.722	2.6	84	0.02
20 T	Methylene Chloride	50.000	52.999	-6.0	94	0.02
21 T	trans-1,2-Dichloroethene	50.000	50.682	-1.4	84	0.02
22 T	Diisopropyl ether	50.000	49.773	0.5	84	0.02
23 T	Vinyl Acetate	250.000	236.936	5.2	81	0.02
24 P	1,1-Dichloroethane	50.000	49.604	0.8	85	0.02
25 T	2-Butanone	250.000	203.738	18.5	78	0.02
26 T	2,2-Dichloropropane	50.000	49.381	1.2	92	0.02
27 T	cis-1,2-Dichloroethene	50.000	49.879	0.2	85	0.02
28 T	Bromochloromethane	50.000	44.844	10.3	79	0.02
29 T	Tetrahydrofuran	250.000	212.416	15.0	77	0.02
30 C	Chloroform	50.000	49.830	0.3#	87	0.02
31 T	Cyclohexane	50.000	46.558	6.9	83	0.01
32 T	1,1,1-Trichloroethane	50.000	51.464	-2.9	89	0.02
33 S	1,2-Dichloroethane-d4	50.000	46.020	8.0	91	0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.01
35 S	Dibromofluoromethane	50.000	48.988	2.0	91	0.01
36 T	1,1-Dichloropropene	50.000	50.964	-1.9	87	0.02
37 T	Ethyl Acetate	50.000	45.491	9.0	81	0.02
38 T	Carbon Tetrachloride	50.000	52.882	-5.8	89	0.02
39 T	Methylcyclohexane	50.000	49.763	0.5	83	0.01
40 TM	Benzene	50.000	50.712	-1.4	85	0.02
41 T	Methacrylonitrile	50.000	46.086	7.8	91	0.00
42 TM	1,2-Dichloroethane	50.000	49.113	1.8	84	0.01
43 T	Isopropyl Acetate	50.000	46.234	7.5	80	0.02
44 TM	Trichloroethene	50.000	50.840	-1.7	86	0.01
45 C	1,2-Dichloropropane	50.000	51.030	-2.1#	85	0.00
46 T	Dibromomethane	50.000	48.647	2.7	82	0.02
47 T	Bromodichloromethane	50.000	51.085	-2.2	86	0.01
48 T	Methyl methacrylate	50.000	46.609	6.8	80	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	892.260	10.8	81	0.03
50 S	Toluene-d8	50.000	51.190	-2.4	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	225.779	9.7	79	0.00
52 CM	Toluene	50.000	50.937	-1.9#	85	0.01
53 T	t-1,3-Dichloropropene	50.000	51.101	-2.2	85	0.01
54 T	cis-1,3-Dichloropropene	50.000	50.806	-1.6	85	0.01
55 T	1,1,2-Trichloroethane	50.000	50.178	-0.4	86	0.00
56 T	Ethyl methacrylate	50.000	49.577	0.8	82	0.00
57 T	1,3-Dichloropropane	50.000	49.402	1.2	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	194.553	22.2	71	0.01
59 T	2-Hexanone	250.000	225.058	10.0	79	0.00
60 T	Dibromochloromethane	50.000	50.713	-1.4	86	0.00
61 T	1,2-Dibromoethane	50.000	48.955	2.1	85	0.00
62 S	4-Bromofluorobenzene	50.000	47.589	4.8	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	51.390	-2.8	85	0.01
65 PM	Chlorobenzene	50.000	51.360	-2.7	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.706	-5.4	87	0.00
67 C	Ethyl Benzene	50.000	52.345	-4.7#	86	0.01
68 T	m/p-Xylenes	100.000	105.163	-5.2	86	0.00
69 T	o-Xylene	50.000	52.275	-4.5	85	0.00
70 T	Styrene	50.000	52.748	-5.5	85	0.00
71 P	Bromoform	50.000	51.668	-3.3	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	50.833	-1.7	87	0.01
74 T	N-amyl acetate	50.000	47.369	5.3	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.745	4.5	85	0.00
76 T	1,2,3-Trichloropropane	50.000	45.332	9.3	77	0.00
77 T	Bromobenzene	50.000	49.648	0.7	86	0.00
78 T	n-propylbenzene	50.000	51.290	-2.6	86	0.00
79 T	2-Chlorotoluene	50.000	50.576	-1.2	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.888	-1.8	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.958	6.1	81	0.00
82 T	4-Chlorotoluene	50.000	50.064	-0.1	84	0.01
83 T	tert-Butylbenzene	50.000	51.665	-3.3	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.960	-1.9	85	0.00
85 T	sec-Butylbenzene	50.000	51.302	-2.6	86	0.00
86 T	p-Isopropyltoluene	50.000	51.525	-3.0	86	0.00
87 T	1,3-Dichlorobenzene	50.000	50.298	-0.6	86	0.00
88 T	1,4-Dichlorobenzene	50.000	50.342	-0.7	86	0.00
89 T	n-Butylbenzene	50.000	51.099	-2.2	86	0.00
90 T	Hexachloroethane	50.000	51.367	-2.7	87	0.00
91 T	1,2-Dichlorobenzene	50.000	50.502	-1.0	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.774	12.5	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.444	-0.9	85	0.00
94 T	Hexachlorobutadiene	50.000	50.004	-0.0	83	0.00
95 T	Naphthalene	50.000	48.911	2.2	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.105	-0.2	85	0.00

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