

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014470.D
 Acq On : 28 Jun 2023 10:34
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 29 02:13:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 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	102	0.00
2 T	Dichlorodifluoromethane	50.000	46.471	7.1	106	0.00
3 P	Chloromethane	50.000	46.838	6.3	99	0.00
4 C	Vinyl Chloride	50.000	48.647	2.7#	103	0.00
5 T	Bromomethane	50.000	43.819	12.4	97	-0.01
6 T	Chloroethane	50.000	47.599	4.8	99	0.00
7 T	Trichlorofluoromethane	50.000	48.824	2.4	104	0.00
8 T	Diethyl Ether	50.000	46.979	6.0	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.202	-0.4	106	-0.01
10 T	Methyl Iodide	50.000	49.472	1.1	101	0.00
11 T	Tert butyl alcohol	250.000	219.061	12.4	85	-0.02
12 CM	1,1-Dichloroethene	50.000	49.446	1.1#	103	0.00
13 T	Acrolein	250.000	298.758	-19.5	118	0.00
14 T	Allyl chloride	50.000	48.251	3.5	97	0.00
15 T	Acrylonitrile	250.000	229.815	8.1	92	-0.01
16 T	Acetone	250.000	249.322	0.3	91	-0.01
17 T	Carbon Disulfide	50.000	48.816	2.4	98	0.00
18 T	Methyl Acetate	50.000	43.490	13.0	89	0.00
19 T	Methyl tert-butyl Ether	50.000	48.884	2.2	96	0.00
20 T	Methylene Chloride	50.000	44.679	10.6	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.577	-1.2	101	0.00
22 T	Diisopropyl ether	50.000	48.890	2.2	96	0.00
23 T	Vinyl Acetate	250.000	297.166	-18.9	111	0.00
24 P	1,1-Dichloroethane	50.000	49.082	1.8	99	0.00
25 T	2-Butanone	250.000	231.521	7.4	90	-0.01
26 T	2,2-Dichloropropane	50.000	48.799	2.4	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.445	1.1	99	0.00
28 T	Bromochloromethane	50.000	47.272	5.5	91	0.00
29 T	Tetrahydrofuran	250.000	225.545	9.8	88	0.00
30 C	Chloroform	50.000	49.550	0.9#	100	0.00
31 T	Cyclohexane	50.000	47.019	6.0	100	0.00
32 T	1,1,1-Trichloroethane	50.000	50.540	-1.1	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.333	5.3	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	52.220	-4.4	96	0.00
36 T	1,1-Dichloropropene	50.000	51.299	-2.6	99	0.00
37 T	Ethyl Acetate	50.000	47.479	5.0	90	0.00
38 T	Carbon Tetrachloride	50.000	52.289	-4.6	102	0.00
39 T	Methylcyclohexane	50.000	52.865	-5.7	102	0.00
40 TM	Benzene	50.000	52.041	-4.1	99	0.00
41 T	Methacrylonitrile	50.000	59.179	-18.4	105	0.01
42 TM	1,2-Dichloroethane	50.000	49.742	0.5	96	0.00
43 T	Isopropyl Acetate	50.000	48.302	3.4	91	0.00
44 TM	Trichloroethene	50.000	50.410	-0.8	98	0.00
45 C	1,2-Dichloropropane	50.000	51.148	-2.3#	99	0.00
46 T	Dibromomethane	50.000	50.972	-1.9	98	0.00
47 T	Bromodichloromethane	50.000	51.528	-3.1	98	0.00
48 T	Methyl methacrylate	50.000	48.280	3.4	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	992.300	0.8	95	-0.02
50 S	Toluene-d8	50.000	51.442	-2.9	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	242.320	3.1	90	0.00
52 CM	Toluene	50.000	53.287	-6.6#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	51.203	-2.4	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.169	-4.3	99	0.00
55 T	1,1,2-Trichloroethane	50.000	51.654	-3.3	97	0.00
56 T	Ethyl methacrylate	50.000	51.065	-2.1	93	0.00
57 T	1,3-Dichloropropane	50.000	50.819	-1.6	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.092	1.6	87	0.00
59 T	2-Hexanone	250.000	249.338	0.3	91	0.00
60 T	Dibromochloromethane	50.000	52.256	-4.5	99	0.00
61 T	1,2-Dibromoethane	50.000	52.532	-5.1	98	0.00
62 S	4-Bromofluorobenzene	50.000	51.053	-2.1	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	51.752	-3.5	102	0.00
65 PM	Chlorobenzene	50.000	52.144	-4.3	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.162	-4.3	100	0.00
67 C	Ethyl Benzene	50.000	53.137	-6.3#	100	0.00
68 T	m/p-Xylenes	100.000	105.858	-5.9	99	0.00
69 T	o-Xylene	50.000	52.599	-5.2	98	0.00
70 T	Styrene	50.000	53.502	-7.0	99	0.00
71 P	Bromoform	50.000	51.180	-2.4	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	51.488	-3.0	101	0.00
74 T	N-amyl acetate	50.000	47.806	4.4	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.490	3.0	94	0.00
76 T	1,2,3-Trichloropropane	50.000	38.233	23.5	77	0.00
77 T	Bromobenzene	50.000	50.641	-1.3	100	0.00
78 T	n-propylbenzene	50.000	51.386	-2.8	100	0.00
79 T	2-Chlorotoluene	50.000	50.934	-1.9	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.527	-3.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.584	4.8	91	0.00
82 T	4-Chlorotoluene	50.000	50.195	-0.4	97	0.00
83 T	tert-Butylbenzene	50.000	51.016	-2.0	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.941	-3.9	100	0.00
85 T	sec-Butylbenzene	50.000	51.932	-3.9	101	0.00
86 T	p-Isopropyltoluene	50.000	51.800	-3.6	100	0.00
87 T	1,3-Dichlorobenzene	50.000	50.796	-1.6	99	0.00
88 T	1,4-Dichlorobenzene	50.000	50.783	-1.6	100	0.00
89 T	n-Butylbenzene	50.000	51.619	-3.2	100	0.00
90 T	Hexachloroethane	50.000	50.281	-0.6	99	0.00
91 T	1,2-Dichlorobenzene	50.000	51.210	-2.4	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.865	4.3	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.279	-2.6	98	0.00
94 T	Hexachlorobutadiene	50.000	49.896	0.2	100	0.00
95 T	Naphthalene	50.000	49.339	1.3	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.645	0.7	96	0.00

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