

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014274.D
 Acq On : 20 Jun 2023 11:03
 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 21 02:06:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	48.039	3.9	98	0.00
3 P	Chloromethane	50.000	42.419	15.2	89	0.00
4 C	Vinyl Chloride	50.000	46.601	6.8#	95	0.00
5 T	Bromomethane	50.000	39.921	20.2	90	-0.03
6 T	Chloroethane	50.000	42.700	14.6	92	-0.01
7 T	Trichlorofluoromethane	50.000	50.740	-1.5	103	-0.01
8 T	Diethyl Ether	50.000	48.613	2.8	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.277	-6.6	105	-0.01
10 T	Methyl Iodide	50.000	47.763	4.5	92	-0.01
11 T	Tert butyl alcohol	250.000	384.349	-53.7#	161	-0.01
12 CM	1,1-Dichloroethene	50.000	49.268	1.5#	101	-0.01
13 T	Acrolein	250.000	265.130	-6.1	103	0.00
14 T	Allyl chloride	50.000	49.018	2.0	99	-0.01
15 T	Acrylonitrile	250.000	311.010	-24.4	129	-0.01
16 T	Acetone	250.000	300.453	-20.2	140	-0.01
17 T	Carbon Disulfide	50.000	46.032	7.9	95	-0.01
18 T	Methyl Acetate	50.000	62.296	-24.6	136	0.00
19 T	Methyl tert-butyl Ether	50.000	52.370	-4.7	103	0.00
20 T	Methylene Chloride	50.000	50.259	-0.5	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.405	1.2	98	0.00
22 T	Diisopropyl ether	50.000	51.516	-3.0	102	0.00
23 T	Vinyl Acetate	250.000	275.567	-10.2	110	0.00
24 P	1,1-Dichloroethane	50.000	50.069	-0.1	102	0.00
25 T	2-Butanone	250.000	345.041	-38.0#	152	0.00
26 T	2,2-Dichloropropane	50.000	52.306	-4.6	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.209	-0.4	103	0.00
28 T	Bromochloromethane	50.000	45.528	8.9	98	0.00
29 T	Tetrahydrofuran	250.000	337.851	-35.1#	145	0.00
30 C	Chloroform	50.000	50.642	-1.3#	103	0.00
31 T	Cyclohexane	50.000	53.742	-7.5	111	0.00
32 T	1,1,1-Trichloroethane	50.000	52.311	-4.6	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.740	10.5	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	50.958	-1.9	101	0.00
36 T	1,1-Dichloropropene	50.000	55.474	-10.9	106	0.00
37 T	Ethyl Acetate	50.000	62.993	-26.0#	124	0.00
38 T	Carbon Tetrachloride	50.000	56.169	-12.3	106	0.00
39 T	Methylcyclohexane	50.000	59.051	-18.1	109	0.00
40 TM	Benzene	50.000	52.803	-5.6	102	0.00
41 T	Methacrylonitrile	50.000	57.551	-15.1	127	0.00
42 TM	1,2-Dichloroethane	50.000	52.927	-5.9	104	0.00
43 T	Isopropyl Acetate	50.000	61.810	-23.6	121	0.00
44 TM	Trichloroethene	50.000	54.021	-8.0	103	0.00
45 C	1,2-Dichloropropane	50.000	53.040	-6.1#	103	0.00
46 T	Dibromomethane	50.000	54.753	-9.5	108	0.00
47 T	Bromodichloromethane	50.000	53.380	-6.8	103	0.00
48 T	Methyl methacrylate	50.000	61.741	-23.5	121	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1455.079	-45.5#	139	-0.02
50 S	Toluene-d8	50.000	46.111	7.8	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	338.603	-35.4#	133	0.00
52 CM	Toluene	50.000	54.039	-8.1#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	54.881	-9.8	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.111	-6.2	103	0.00
55 T	1,1,2-Trichloroethane	50.000	55.866	-11.7	109	0.00
56 T	Ethyl methacrylate	50.000	59.649	-19.3	111	0.00
57 T	1,3-Dichloropropane	50.000	55.511	-11.0	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	330.826	-32.3#	135	0.00
59 T	2-Hexanone	250.000	351.446	-40.6#	140	0.00
60 T	Dibromochloromethane	50.000	56.378	-12.8	110	0.00
61 T	1,2-Dibromoethane	50.000	56.721	-13.4	111	0.00
62 S	4-Bromofluorobenzene	50.000	53.640	-7.3	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	58.694	-17.4	118	0.00
65 PM	Chlorobenzene	50.000	51.378	-2.8	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.309	-2.6	102	0.00
67 C	Ethyl Benzene	50.000	53.934	-7.9#	106	0.00
68 T	m/p-Xylenes	100.000	107.337	-7.3	106	0.00
69 T	o-Xylene	50.000	54.324	-8.6	106	0.00
70 T	Styrene	50.000	54.233	-8.5	106	0.00
71 P	Bromoform	50.000	57.736	-15.5	117	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73 T	Isopropylbenzene	50.000	51.923	-3.8	107	0.00
74 T	N-ethyl acetate	50.000	56.644	-13.3	120	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.291	-10.6	122	0.00
76 T	1,2,3-Trichloropropane	50.000	53.736	-7.5	110	0.00
77 T	Bromobenzene	50.000	49.778	0.4	106	0.00
78 T	n-propylbenzene	50.000	52.553	-5.1	109	0.00
79 T	2-Chlorotoluene	50.000	51.143	-2.3	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.372	-4.7	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.719	-13.4	121	0.00
82 T	4-Chlorotoluene	50.000	50.759	-1.5	107	0.00
83 T	tert-Butylbenzene	50.000	52.822	-5.6	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.819	-5.6	110	0.00
85 T	sec-Butylbenzene	50.000	54.172	-8.3	112	0.00
86 T	p-Isopropyltoluene	50.000	52.911	-5.8	110	0.00
87 T	1,3-Dichlorobenzene	50.000	49.878	0.2	107	0.00
88 T	1,4-Dichlorobenzene	50.000	49.421	1.2	108	0.00
89 T	n-Butylbenzene	50.000	54.676	-9.4	114	0.00
90 T	Hexachloroethane	50.000	51.931	-3.9	112	0.00
91 T	1,2-Dichlorobenzene	50.000	51.240	-2.5	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.408	-18.8	141	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.093	-2.2	111	0.00
94 T	Hexachlorobutadiene	50.000	53.614	-7.2	114	0.00
95 T	Naphthalene	50.000	57.081	-14.2	125	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.828	-1.7	113	0.00

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