

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013283.D
 Acq On : 13 Apr 2023 09:41
 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: Apr 14 02:57:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	51.649	-3.3	102	0.00
3 P	Chloromethane	50.000	45.074	9.9	90	0.00
4 C	Vinyl Chloride	50.000	47.364	5.3#	94	0.00
5 T	Bromomethane	50.000	47.679	4.6	98	0.00
6 T	Chloroethane	50.000	48.270	3.5	98	0.00
7 T	Trichlorofluoromethane	50.000	48.556	2.9	98	0.00
8 T	Diethyl Ether	50.000	50.425	-0.8	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.866	0.3	99	0.00
10 T	Methyl Iodide	50.000	51.079	-2.2	94	0.00
11 T	Tert butyl alcohol	250.000	212.894	14.8	82	0.00
12 CM	1,1-Dichloroethene	50.000	50.600	-1.2#	100	0.00
13 T	Acrolein	250.000	251.773	-0.7	97	0.00
14 T	Allyl chloride	50.000	50.914	-1.8	100	0.00
15 T	Acrylonitrile	250.000	265.547	-6.2	100	0.00
16 T	Acetone	250.000	266.452	-6.6	99	0.00
17 T	Carbon Disulfide	50.000	50.154	-0.3	99	0.00
18 T	Methyl Acetate	50.000	52.917	-5.8	99	0.00
19 T	Methyl tert-butyl Ether	50.000	52.220	-4.4	99	0.00
20 T	Methylene Chloride	50.000	51.908	-3.8	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.858	-1.7	99	0.00
22 T	Diisopropyl ether	50.000	53.413	-6.8	102	0.00
23 T	Vinyl Acetate	250.000	272.796	-9.1	100	0.00
24 P	1,1-Dichloroethane	50.000	50.717	-1.4	101	0.00
25 T	2-Butanone	250.000	279.233	-11.7	103	0.00
26 T	2,2-Dichloropropane	50.000	49.504	1.0	100	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.324	-2.6	99	0.00
28 T	Bromochloromethane	50.000	50.538	-1.1	97	0.00
29 T	Tetrahydrofuran	250.000	282.905	-13.2	101	0.00
30 C	Chloroform	50.000	50.643	-1.3#	102	0.00
31 T	Cyclohexane	50.000	49.782	0.4	101	0.00
32 T	1,1,1-Trichloroethane	50.000	49.616	0.8	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.975	-2.0	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	52.794	-5.6	103	0.00
36 T	1,1-Dichloropropene	50.000	52.038	-4.1	102	0.00
37 T	Ethyl Acetate	50.000	54.168	-8.3	100	0.00
38 T	Carbon Tetrachloride	50.000	49.849	0.3	99	0.00
39 T	Methylcyclohexane	50.000	51.999	-4.0	98	0.00
40 TM	Benzene	50.000	50.970	-1.9	100	0.00
41 T	Methacrylonitrile	50.000	54.539	-9.1	103	0.00
42 TM	1,2-Dichloroethane	50.000	49.816	0.4	97	0.00
43 T	Isopropyl Acetate	50.000	53.224	-6.4	99	0.00
44 TM	Trichloroethene	50.000	50.638	-1.3	101	0.00
45 C	1,2-Dichloropropane	50.000	52.867	-5.7#	103	0.00
46 T	Dibromomethane	50.000	51.286	-2.6	99	0.00
47 T	Bromodichloromethane	50.000	50.487	-1.0	101	0.00
48 T	Methyl methacrylate	50.000	54.815	-9.6	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1093.034	-9.3	102	0.00
50 S	Toluene-d8	50.000	53.698	-7.4	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	277.446	-11.0	101	0.00
52 CM	Toluene	50.000	51.361	-2.7#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	52.361	-4.7	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.654	-3.3	100	0.00
55 T	1,1,2-Trichloroethane	50.000	51.120	-2.2	101	0.00
56 T	Ethyl methacrylate	50.000	55.499	-11.0	100	0.00
57 T	1,3-Dichloropropane	50.000	51.625	-3.3	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	268.927	-7.6	103	0.00
59 T	2-Hexanone	250.000	295.472	-18.2	105	0.00
60 T	Dibromochloromethane	50.000	50.662	-1.3	98	0.00
61 T	1,2-Dibromoethane	50.000	52.467	-4.9	100	0.00
62 S	4-Bromofluorobenzene	50.000	54.011	-8.0	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	49.430	1.1	98	0.00
65 PM	Chlorobenzene	50.000	50.306	-0.6	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.498	-1.0	98	0.00
67 C	Ethyl Benzene	50.000	51.896	-3.8#	100	0.00
68 T	m/p-Xylenes	100.000	103.858	-3.9	100	0.00
69 T	o-Xylene	50.000	52.691	-5.4	100	0.00
70 T	Styrene	50.000	52.922	-5.8	99	0.00
71 P	Bromoform	50.000	53.562	-7.1	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	52.356	-4.7	100	0.00
74 T	N-amyl acetate	50.000	54.980	-10.0	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.781	-5.6	102	0.00
76 T	1,2,3-Trichloropropane	50.000	51.081	-2.2	100	0.00
77 T	Bromobenzene	50.000	51.050	-2.1	99	0.00
78 T	n-propylbenzene	50.000	52.444	-4.9	100	0.00
79 T	2-Chlorotoluene	50.000	51.805	-3.6	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.955	-3.9	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.001	-10.0	104	0.00
82 T	4-Chlorotoluene	50.000	50.800	-1.6	99	0.00
83 T	tert-Butylbenzene	50.000	52.319	-4.6	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.497	-5.0	99	0.00
85 T	sec-Butylbenzene	50.000	52.041	-4.1	100	0.00
86 T	p-Isopropyltoluene	50.000	52.354	-4.7	99	0.00
87 T	1,3-Dichlorobenzene	50.000	50.360	-0.7	100	0.00
88 T	1,4-Dichlorobenzene	50.000	49.473	1.1	98	0.00
89 T	n-Butylbenzene	50.000	52.295	-4.6	100	0.00
90 T	Hexachloroethane	50.000	49.816	0.4	100	0.00
91 T	1,2-Dichlorobenzene	50.000	50.075	-0.2	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.570	-9.1	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.653	-1.3	97	0.00
94 T	Hexachlorobutadiene	50.000	49.950	0.1	99	0.00
95 T	Naphthalene	50.000	48.015	4.0	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.240	-2.5	99	0.00

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