

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012837.D
 Acq On : 07 Mar 2023 10:48
 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: Mar 07 12:50:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 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	81	0.00
2 T	Dichlorodifluoromethane	50.000	47.837	4.3	82	0.00
3 P	Chloromethane	50.000	47.326	5.3	84	0.00
4 C	Vinyl Chloride	50.000	50.375	-0.8#	84	0.00
5 T	Bromomethane	50.000	51.903	-3.8	88	0.00
6 T	Chloroethane	50.000	53.145	-6.3	88	0.00
7 T	Trichlorofluoromethane	50.000	51.202	-2.4	87	0.00
8 T	Diethyl Ether	50.000	48.724	2.6	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.913	-1.8	85	0.00
10 T	Methyl Iodide	50.000	52.075	-4.2	81	0.00
11 T	Tert butyl alcohol	250.000	236.995	5.2	79	0.00
12 CM	1,1-Dichloroethene	50.000	51.673	-3.3#	85	0.00
13 T	Acrolein	250.000	300.071	-20.0	100	0.00
14 T	Allyl chloride	50.000	48.124	3.8	78	0.00
15 T	Acrylonitrile	250.000	253.599	-1.4	83	0.00
16 T	Acetone	250.000	249.161	0.3	76	0.00
17 T	Carbon Disulfide	50.000	49.282	1.4	82	0.00
18 T	Methyl Acetate	50.000	47.803	4.4	77	0.00
19 T	Methyl tert-butyl Ether	50.000	51.471	-2.9	82	0.00
20 T	Methylene Chloride	50.000	53.025	-6.0	84	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.375	-4.8	86	0.00
22 T	Diisopropyl ether	50.000	51.021	-2.0	81	0.00
23 T	Vinyl Acetate	250.000	255.218	-2.1	80	0.00
24 P	1,1-Dichloroethane	50.000	51.135	-2.3	84	0.00
25 T	2-Butanone	250.000	251.000	-0.4	78	0.00
26 T	2,2-Dichloropropane	50.000	50.623	-1.2	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.130	-6.3	85	0.00
28 T	Bromochloromethane	50.000	50.407	-0.8	81	0.00
29 T	Tetrahydrofuran	250.000	251.067	-0.4	79	0.00
30 C	Chloroform	50.000	53.640	-7.3#	87	0.00
31 T	Cyclohexane	50.000	46.190	7.6	78	0.00
32 T	1,1,1-Trichloroethane	50.000	52.553	-5.1	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.433	9.1	76	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35 S	Dibromofluoromethane	50.000	48.260	3.5	77	0.00
36 T	1,1-Dichloropropene	50.000	52.285	-4.6	83	0.00
37 T	Ethyl Acetate	50.000	49.108	1.8	80	0.00
38 T	Carbon Tetrachloride	50.000	55.132	-10.3	87	0.00
39 T	Methylcyclohexane	50.000	52.684	-5.4	81	0.00
40 TM	Benzene	50.000	54.318	-8.6	85	0.00
41 T	Methacrylonitrile	50.000	50.000	0.0	78	0.01
42 TM	1,2-Dichloroethane	50.000	53.834	-7.7	84	0.00
43 T	Isopropyl Acetate	50.000	50.995	-2.0	79	0.00
44 TM	Trichloroethene	50.000	54.446	-8.9	85	0.00
45 C	1,2-Dichloropropane	50.000	53.170	-6.3#	85	0.00
46 T	Dibromomethane	50.000	55.259	-10.5	86	0.00
47 T	Bromodichloromethane	50.000	55.458	-10.9	87	0.00
48 T	Methyl methacrylate	50.000	50.203	-0.4	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1074.326	-7.4	83	0.00
50 S	Toluene-d8	50.000	47.192	5.6	76	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.776	-6.7	80	0.00
52 CM	Toluene	50.000	56.058	-12.1#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	54.746	-9.5	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.430	-8.9	84	0.00
55 T	1,1,2-Trichloroethane	50.000	55.555	-11.1	88	0.00
56 T	Ethyl methacrylate	50.000	55.232	-10.5	81	0.00
57 T	1,3-Dichloropropane	50.000	55.471	-10.9	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	272.189	-8.9	81	0.00
59 T	2-Hexanone	250.000	271.906	-8.8	80	0.00
60 T	Dibromochloromethane	50.000	56.977	-14.0	90	0.00
61 T	1,2-Dibromoethane	50.000	54.546	-9.1	85	0.00
62 S	4-Bromofluorobenzene	50.000	48.872	2.3	78	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64 T	Tetrachloroethene	50.000	52.963	-5.9	86	0.00
65 PM	Chlorobenzene	50.000	53.536	-7.1	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.401	-8.8	88	0.00
67 C	Ethyl Benzene	50.000	54.550	-9.1#	86	0.00
68 T	m/p-Xylenes	100.000	111.351	-11.4	88	0.00
69 T	o-Xylene	50.000	55.479	-11.0	89	0.00
70 T	Styrene	50.000	56.937	-13.9	89	0.00
71 P	Bromoform	50.000	56.093	-12.2	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	51.727	-3.5	87	0.00
74 T	N-amyl acetate	50.000	48.855	2.3	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.946	-1.9	88	0.00
76 T	1,2,3-Trichloropropane	50.000	54.686	-9.4	94	0.00
77 T	Bromobenzene	50.000	52.160	-4.3	90	0.00
78 T	n-propylbenzene	50.000	52.553	-5.1	88	0.00
79 T	2-Chlorotoluene	50.000	51.940	-3.9	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.786	-5.6	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.664	0.7	84	0.00
82 T	4-Chlorotoluene	50.000	51.883	-3.8	88	0.00
83 T	tert-Butylbenzene	50.000	52.522	-5.0	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.279	-6.6	89	0.00
85 T	sec-Butylbenzene	50.000	53.053	-6.1	90	0.00
86 T	p-Isopropyltoluene	50.000	53.050	-6.1	89	0.00
87 T	1,3-Dichlorobenzene	50.000	52.352	-4.7	90	0.00
88 T	1,4-Dichlorobenzene	50.000	51.728	-3.5	90	0.00
89 T	n-Butylbenzene	50.000	52.484	-5.0	88	0.00
90 T	Hexachloroethane	50.000	51.802	-3.6	91	0.00
91 T	1,2-Dichlorobenzene	50.000	53.004	-6.0	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.045	-2.1	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.018	-4.0	88	0.00
94 T	Hexachlorobutadiene	50.000	51.214	-2.4	91	0.00
95 T	Naphthalene	50.000	53.230	-6.5	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.180	-4.4	89	0.00

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