

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013910.D
 Acq On : 30 May 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: May 30 15:36:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 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	48.913	2.2	85	0.00
3 P	Chloromethane	50.000	46.919	6.2	88	0.00
4 C	Vinyl Chloride	50.000	45.816	8.4#	84	0.00
5 T	Bromomethane	50.000	43.095	13.8	89	0.00
6 T	Chloroethane	50.000	45.126	9.7	88	0.00
7 T	Trichlorofluoromethane	50.000	45.811	8.4	86	0.00
8 T	Diethyl Ether	50.000	45.042	9.9	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.691	10.6	86	0.00
10 T	Methyl Iodide	50.000	45.830	8.3	80	-0.01
11 T	Tert butyl alcohol	250.000	334.293	-33.7#	128	-0.06
12 CM	1,1-Dichloroethene	50.000	45.195	9.6#	84	0.00
13 T	Acrolein	250.000	239.454	4.2	98	0.00
14 T	Allyl chloride	50.000	45.508	9.0	90	0.00
15 T	Acrylonitrile	250.000	229.445	8.2	88	-0.01
16 T	Acetone	250.000	271.120	-8.4	105	0.00
17 T	Carbon Disulfide	50.000	45.396	9.2	82	-0.01
18 T	Methyl Acetate	50.000	44.159	11.7	87	-0.01
19 T	Methyl tert-butyl Ether	50.000	47.615	4.8	90	0.00
20 T	Methylene Chloride	50.000	43.318	13.4	88	-0.01
21 T	trans-1,2-Dichloroethene	50.000	46.862	6.3	89	0.00
22 T	Diisopropyl ether	50.000	45.054	9.9	86	0.00
23 T	Vinyl Acetate	250.000	225.689	9.7	83	-0.01
24 P	1,1-Dichloroethane	50.000	43.517	13.0	86	-0.01
25 T	2-Butanone	250.000	235.825	5.7	90	0.00
26 T	2,2-Dichloropropane	50.000	45.924	8.2	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.991	10.0	86	0.00
28 T	Bromochloromethane	50.000	41.157	17.7	88	-0.01
29 T	Tetrahydrofuran	250.000	220.623	11.8	78	0.00
30 C	Chloroform	50.000	45.369	9.3#	89	0.00
31 T	Cyclohexane	50.000	41.622	16.8	80	-0.01
32 T	1,1,1-Trichloroethane	50.000	45.572	8.9	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.490	-1.0	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	52.138	-4.3	104	0.00
36 T	1,1-Dichloropropene	50.000	45.401	9.2	84	0.00
37 T	Ethyl Acetate	50.000	44.790	10.4	80	0.00
38 T	Carbon Tetrachloride	50.000	45.895	8.2	87	0.00
39 T	Methylcyclohexane	50.000	43.854	12.3	79	-0.01
40 TM	Benzene	50.000	45.556	8.9	86	0.00
41 T	Methacrylonitrile	50.000	47.648	4.7	100	0.01
42 TM	1,2-Dichloroethane	50.000	46.527	6.9	88	-0.01
43 T	Isopropyl Acetate	50.000	43.656	12.7	80	0.00
44 TM	Trichloroethene	50.000	45.218	9.6	86	0.00
45 C	1,2-Dichloropropane	50.000	45.240	9.5#	87	0.00
46 T	Dibromomethane	50.000	45.875	8.3	87	-0.01
47 T	Bromodichloromethane	50.000	45.833	8.3	89	0.00
48 T	Methyl methacrylate	50.000	43.062	13.9	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	940.885	5.9	84	0.00
50 S	Toluene-d8	50.000	50.433	-0.9	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	223.866	10.5	80	0.00
52 CM	Toluene	50.000	46.248	7.5#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	46.444	7.1	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	45.521	9.0	85	0.00
55 T	1,1,2-Trichloroethane	50.000	44.904	10.2	84	0.00
56 T	Ethyl methacrylate	50.000	47.404	5.2	84	0.00
57 T	1,3-Dichloropropane	50.000	45.886	8.2	85	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	191.829	23.3	83	0.00
59 T	2-Hexanone	250.000	237.858	4.9	83	0.00
60 T	Dibromochloromethane	50.000	47.319	5.4	89	0.00
61 T	1,2-Dibromoethane	50.000	46.911	6.2	87	0.00
62 S	4-Bromofluorobenzene	50.000	52.751	-5.5	105	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	44.623	10.8	85	0.00
65 PM	Chlorobenzene	50.000	45.320	9.4	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.556	6.9	91	0.00
67 C	Ethyl Benzene	50.000	45.911	8.2#	87	0.00
68 T	m/p-Xylenes	100.000	92.891	7.1	87	0.00
69 T	o-Xylene	50.000	46.950	6.1	89	0.00
70 T	Styrene	50.000	47.017	6.0	89	0.00
71 P	Bromoform	50.000	46.976	6.0	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	45.269	9.5	88	0.00
74 T	N-amyl acetate	50.000	43.443	13.1	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.160	11.7	85	0.00
76 T	1,2,3-Trichloropropane	50.000	42.912	14.2	100	0.00
77 T	Bromobenzene	50.000	44.974	10.1	89	0.00
78 T	n-propylbenzene	50.000	44.777	10.4	87	0.00
79 T	2-Chlorotoluene	50.000	44.344	11.3	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.637	8.7	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.906	6.2	87	0.00
82 T	4-Chlorotoluene	50.000	45.208	9.6	91	0.00
83 T	tert-Butylbenzene	50.000	45.017	10.0	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.532	6.9	90	0.00
85 T	sec-Butylbenzene	50.000	44.924	10.2	87	0.00
86 T	p-Isopropyltoluene	50.000	44.923	10.2	87	0.00
87 T	1,3-Dichlorobenzene	50.000	44.901	10.2	89	0.00
88 T	1,4-Dichlorobenzene	50.000	44.817	10.4	90	0.00
89 T	n-Butylbenzene	50.000	44.622	10.8	87	0.00
90 T	Hexachloroethane	50.000	44.226	11.5	90	0.00
91 T	1,2-Dichlorobenzene	50.000	45.672	8.7	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.531	10.9	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.612	10.8	87	0.00
94 T	Hexachlorobutadiene	50.000	43.848	12.3	89	0.00
95 T	Naphthalene	50.000	40.694	18.6	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.017	12.0	86	0.00

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