

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018199.D
 Acq On : 08 May 2024 19:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 09 02:31:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 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	73	0.00
2 T	Dichlorodifluoromethane	50.000	54.608	-9.2	77	0.00
3 P	Chloromethane	50.000	59.106	-18.2	80	0.00
4 C	Vinyl Chloride	50.000	60.579	-21.2#	81	0.00
5 T	Bromomethane	50.000	57.939	-15.9	82	0.00
6 T	Chloroethane	50.000	60.392	-20.8	82	0.00
7 T	Trichlorofluoromethane	50.000	56.861	-13.7	79	0.00
8 T	Diethyl Ether	50.000	55.228	-10.5	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.498	-13.0	78	0.00
10 T	Methyl Iodide	50.000	56.456	-12.9	71	0.00
11 T	Tert butyl alcohol	250.000	288.024	-15.2	84	0.00
12 CM	1,1-Dichloroethene	50.000	56.421	-12.8#	76	0.00
13 T	Acrolein	250.000	204.714	18.1	71	0.00
14 T	Allyl chloride	50.000	55.921	-11.8	77	0.00
15 T	Acrylonitrile	250.000	269.987	-8.0	79	0.00
16 T	Acetone	250.000	236.004	5.6	68	0.00
17 T	Carbon Disulfide	50.000	59.470	-18.9	75	0.00
18 T	Methyl Acetate	50.000	52.712	-5.4	82	0.00
19 T	Methyl tert-butyl Ether	50.000	55.347	-10.7	80	0.00
20 T	Methylene Chloride	50.000	63.187	-26.4#	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.946	-13.9	77	0.00
22 T	Diisopropyl ether	50.000	54.974	-9.9	78	0.00
23 T	Vinyl Acetate	250.000	271.369	-8.5	78	0.00
24 P	1,1-Dichloroethane	50.000	57.576	-15.2	80	0.00
25 T	2-Butanone	250.000	257.541	-3.0	76	0.00
26 T	2,2-Dichloropropane	50.000	51.308	-2.6	71	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.670	-11.3	76	0.00
28 T	Bromochloromethane	50.000	63.742	-27.5#	95	0.00
29 T	Tetrahydrofuran	250.000	271.020	-8.4	82	0.00
30 C	Chloroform	50.000	55.665	-11.3#	78	0.00
31 T	Cyclohexane	50.000	58.095	-16.2	77	0.00
32 T	1,1,1-Trichloroethane	50.000	55.750	-11.5	77	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.004	-2.0	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35 S	Dibromofluoromethane	50.000	52.317	-4.6	91	0.00
36 T	1,1-Dichloropropene	50.000	55.364	-10.7	77	0.00
37 T	Ethyl Acetate	50.000	53.550	-7.1	80	0.00
38 T	Carbon Tetrachloride	50.000	54.376	-8.8	76	0.00
39 T	Methylcyclohexane	50.000	55.321	-10.6	75	0.00
40 TM	Benzene	50.000	55.786	-11.6	78	0.00
41 T	Methacrylonitrile	50.000	53.339	-6.7	75	-0.01
42 TM	1,2-Dichloroethane	50.000	53.164	-6.3	78	0.00
43 T	Isopropyl Acetate	50.000	53.854	-7.7	83	0.00
44 TM	Trichloroethene	50.000	54.385	-8.8	76	0.00
45 C	1,2-Dichloropropane	50.000	53.692	-7.4#	76	0.00
46 T	Dibromomethane	50.000	53.255	-6.5	79	0.00
47 T	Bromodichloromethane	50.000	54.259	-8.5	77	0.00
48 T	Methyl methacrylate	50.000	53.249	-6.5	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1070.317	-7.0	81	0.00
50 S	Toluene-d8	50.000	51.147	-2.3	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.284	-8.1	82	0.00
52 CM	Toluene	50.000	54.029	-8.1#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	52.268	-4.5	75	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.039	-6.1	77	0.00
55 T	1,1,2-Trichloroethane	50.000	52.550	-5.1	78	0.00
56 T	Ethyl methacrylate	50.000	54.599	-9.2	81	0.00
57 T	1,3-Dichloropropane	50.000	52.610	-5.2	77	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	311.125	-24.4	108	0.00
59 T	2-Hexanone	250.000	263.125	-5.3	78	0.00
60 T	Dibromochloromethane	50.000	51.838	-3.7	76	0.00
61 T	1,2-Dibromoethane	50.000	51.983	-4.0	78	0.00
62 S	4-Bromofluorobenzene	50.000	48.551	2.9	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64 T	Tetrachloroethene	50.000	55.283	-10.6	77	0.00
65 PM	Chlorobenzene	50.000	53.934	-7.9	76	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.427	-4.9	76	0.00
67 C	Ethyl Benzene	50.000	54.625	-9.3#	77	0.00
68 T	m/p-Xylenes	100.000	108.013	-8.0	76	0.00
69 T	o-Xylene	50.000	53.321	-6.6	76	0.00
70 T	Styrene	50.000	53.835	-7.7	76	0.00
71 P	Bromoform	50.000	52.099	-4.2	76	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73 T	Isopropylbenzene	50.000	54.535	-9.1	76	0.00
74 T	N-amyl acetate	50.000	55.590	-11.2	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.619	-7.2	80	0.00
76 T	1,2,3-Trichloropropane	50.000	51.968	-3.9	79	0.00
77 T	Bromobenzene	50.000	54.290	-8.6	76	0.00
78 T	n-propylbenzene	50.000	54.212	-8.4	75	0.00
79 T	2-Chlorotoluene	50.000	53.102	-6.2	76	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.666	-7.3	75	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.495	-5.0	75	0.00
82 T	4-Chlorotoluene	50.000	53.767	-7.5	77	0.00
83 T	tert-Butylbenzene	50.000	55.280	-10.6	77	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.298	-6.6	75	0.00
85 T	sec-Butylbenzene	50.000	53.826	-7.7	75	0.00
86 T	p-Isopropyltoluene	50.000	52.950	-5.9	73	0.00
87 T	1,3-Dichlorobenzene	50.000	52.285	-4.6	74	0.00
88 T	1,4-Dichlorobenzene	50.000	53.095	-6.2	75	0.00
89 T	n-Butylbenzene	50.000	52.270	-4.5	72	0.00
90 T	Hexachloroethane	50.000	52.433	-4.9	73	0.00
91 T	1,2-Dichlorobenzene	50.000	53.340	-6.7	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.586	-9.2	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.991	-4.0	74	0.00
94 T	Hexachlorobutadiene	50.000	51.112	-2.2	69	0.00
95 T	Naphthalene	50.000	54.352	-8.7	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.818	-9.6	78	0.00

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