

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007866.D
 Acq On : 11 Mar 2022 19:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 11 23:25:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 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	51	0.00
2 T	Dichlorodifluoromethane	50.000	45.367	9.3	46	0.00
3 P	Chloromethane	50.000	50.888	-1.8	49	0.00
4 C	Vinyl Chloride	50.000	46.893	6.2#	50	0.00
5 T	Bromomethane	50.000	56.670	-13.3	67	0.00
6 T	Chloroethane	50.000	49.266	1.5	55	0.00
7 T	Trichlorofluoromethane	50.000	49.639	0.7	55	0.00
8 T	Diethyl Ether	50.000	53.228	-6.5	56	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.466	-0.9	54	0.00
10 T	Methyl Iodide	50.000	32.643	34.7#	34	0.00
11 T	Tert butyl alcohol	250.000	264.692	-5.9	53	0.00
12 CM	1,1-Dichloroethene	50.000	47.013	6.0#	51	0.00
13 T	Acrolein	250.000	249.385	0.2	51	0.00
14 T	Allyl chloride	50.000	52.608	-5.2	55	0.00
15 T	Acrylonitrile	250.000	293.017	-17.2	59	0.00
16 T	Acetone	250.000	293.550	-17.4	61	0.00
17 T	Carbon Disulfide	50.000	45.113	9.8	46	0.00
18 T	Methyl Acetate	50.000	59.165	-18.3	58	0.00
19 T	Methyl tert-butyl Ether	50.000	53.714	-7.4	55	0.00
20 T	Methylene Chloride	50.000	62.646	-25.3#	61	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.490	1.0	54	0.00
22 T	Diisopropyl ether	50.000	58.857	-17.7	61	0.00
23 T	Vinyl Acetate	250.000	300.814	-20.3	59	0.00
24 P	1,1-Dichloroethane	50.000	54.052	-8.1	57	0.00
25 T	2-Butanone	250.000	302.905	-21.2	61	0.00
26 T	2,2-Dichloropropane	50.000	50.810	-1.6	52	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.242	-6.5	55	0.00
28 T	Bromochloromethane	50.000	60.517	-21.0	62	0.00
29 T	Tetrahydrofuran	250.000	293.558	-17.4	59	0.00
30 C	Chloroform	50.000	56.161	-12.3#	58	0.00
31 T	Cyclohexane	50.000	52.672	-5.3	52	0.00
32 T	1,1,1-Trichloroethane	50.000	53.912	-7.8	56	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.568	-9.1	59	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	52	0.00
35 S	Dibromofluoromethane	50.000	55.543	-11.1	60	0.00
36 T	1,1-Dichloropropene	50.000	50.769	-1.5	54	0.00
37 T	Ethyl Acetate	50.000	56.993	-14.0	58	0.00
38 T	Carbon Tetrachloride	50.000	52.026	-4.1	55	0.00
39 T	Methylcyclohexane	50.000	47.334	5.3	50	0.00
40 TM	Benzene	50.000	52.960	-5.9	55	0.00
41 T	Methacrylonitrile	50.000	63.412	-26.8#	61	0.00
42 TM	1,2-Dichloroethane	50.000	56.739	-13.5	59	0.00
43 T	Isopropyl Acetate	50.000	57.264	-14.5	58	0.00
44 TM	Trichloroethene	50.000	49.671	0.7	52	0.00
45 C	1,2-Dichloropropane	50.000	57.269	-14.5#	60	0.00
46 T	Dibromomethane	50.000	57.051	-14.1	59	0.00
47 T	Bromodichloromethane	50.000	58.803	-17.6	60	0.00
48 T	Methyl methacrylate	50.000	57.786	-15.6	59	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1164.395	-16.4	58	0.00
50 S	Toluene-d8	50.000	52.490	-5.0	58	0.00
51 T	4-Methyl-2-Pentanone	250.000	308.526	-23.4	61	0.00
52 CM	Toluene	50.000	53.562	-7.1#	55	0.00
53 T	t-1,3-Dichloropropene	50.000	56.057	-12.1	57	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.740	-9.5	56	0.00
55 T	1,1,2-Trichloroethane	50.000	58.140	-16.3	59	0.00
56 T	Ethyl methacrylate	50.000	55.929	-11.9	55	0.00
57 T	1,3-Dichloropropane	50.000	56.973	-13.9	58	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	296.712	-18.7	57	0.00
59 T	2-Hexanone	250.000	314.310	-25.7#	61	0.00
60 T	Dibromochloromethane	50.000	58.591	-17.2	58	0.00
61 T	1,2-Dibromoethane	50.000	55.608	-11.2	56	0.00
62 S	4-Bromofluorobenzene	50.000	55.552	-11.1	60	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	54	0.00
64 T	Tetrachloroethene	50.000	46.660	6.7	52	0.00
65 PM	Chlorobenzene	50.000	52.110	-4.2	57	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.298	-8.6	57	0.00
67 C	Ethyl Benzene	50.000	51.651	-3.3#	56	0.00
68 T	m/p-Xylenes	100.000	104.492	-4.5	56	0.00
69 T	o-Xylene	50.000	52.960	-5.9	57	0.00
70 T	Styrene	50.000	55.712	-11.4	59	0.00
71 P	Bromoform	50.000	57.103	-14.2	60	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	58	0.00
73 T	Isopropylbenzene	50.000	48.561	2.9	57	0.00
74 T	N-ethyl acetate	50.000	51.458	-2.9	58	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.260	-6.5	62	0.00
76 T	1,2,3-Trichloropropane	50.000	52.727	-5.5	61	0.00
77 T	Bromobenzene	50.000	48.813	2.4	57	0.00
78 T	n-propylbenzene	50.000	50.198	-0.4	59	0.00
79 T	2-Chlorotoluene	50.000	49.374	1.3	58	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.128	1.7	57	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.181	1.6	56	0.00
82 T	4-Chlorotoluene	50.000	51.177	-2.4	60	0.00
83 T	tert-Butylbenzene	50.000	50.528	-1.1	58	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.932	-1.9	59	0.00
85 T	sec-Butylbenzene	50.000	50.614	-1.2	59	0.00
86 T	p-Isopropyltoluene	50.000	51.169	-2.3	59	0.00
87 T	1,3-Dichlorobenzene	50.000	50.902	-1.8	60	0.00
88 T	1,4-Dichlorobenzene	50.000	51.445	-2.9	61	0.00
89 T	n-Butylbenzene	50.000	50.250	-0.5	58	0.00
90 T	Hexachloroethane	50.000	51.593	-3.2	60	0.00
91 T	1,2-Dichlorobenzene	50.000	51.881	-3.8	60	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.194	-0.4	59	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.513	9.0	53	0.00
94 T	Hexachlorobutadiene	50.000	45.682	8.6	52	0.00
95 T	Naphthalene	50.000	47.924	4.2	54	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.967	6.1	54	0.00

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