

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007364.D
 Acq On : 02 Feb 2022 19:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 03 04:44:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	48.107	3.8	96	0.00
3 P	Chloromethane	50.000	49.607	0.8	93	0.00
4 C	Vinyl Chloride	50.000	48.573	2.9#	94	0.00
5 T	Bromomethane	50.000	54.179	-8.4	101	0.00
6 T	Chloroethane	50.000	49.836	0.3	95	-0.01
7 T	Trichlorofluoromethane	50.000	49.967	0.1	95	0.00
8 T	Diethyl Ether	50.000	53.385	-6.8	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.078	-0.2	96	0.00
10 T	Methyl Iodide	50.000	54.954	-9.9	96	0.00
11 T	Tert butyl alcohol	250.000	278.082	-11.2	104	0.00
12 CM	1,1-Dichloroethene	50.000	50.551	-1.1#	96	0.00
13 T	Acrolein	250.000	266.196	-6.5	100	0.00
14 T	Allyl chloride	50.000	52.887	-5.8	99	0.00
15 T	Acrylonitrile	250.000	275.067	-10.0	106	0.00
16 T	Acetone	250.000	264.270	-5.7	86	0.00
17 T	Carbon Disulfide	50.000	50.331	-0.7	95	-0.01
18 T	Methyl Acetate	50.000	55.005	-10.0	108	0.00
19 T	Methyl tert-butyl Ether	50.000	53.803	-7.6	102	0.00
20 T	Methylene Chloride	50.000	53.035	-6.1	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.076	-0.2	95	-0.01
22 T	Diisopropyl ether	50.000	52.694	-5.4	101	0.00
23 T	Vinyl Acetate	250.000	270.656	-8.3	103	0.00
24 P	1,1-Dichloroethane	50.000	51.375	-2.8	98	0.00
25 T	2-Butanone	250.000	276.750	-10.7	97	0.00
26 T	2,2-Dichloropropane	50.000	48.578	2.8	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.520	-3.0	98	0.00
28 T	Bromochloromethane	50.000	51.558	-3.1	98	0.00
29 T	Tetrahydrofuran	250.000	279.176	-11.7	105	0.00
30 C	Chloroform	50.000	51.440	-2.9#	98	0.00
31 T	Cyclohexane	50.000	48.044	3.9	95	0.00
32 T	1,1,1-Trichloroethane	50.000	51.061	-2.1	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.197	-2.4	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	49.547	0.9	97	0.00
36 T	1,1-Dichloropropene	50.000	49.392	1.2	96	0.00
37 T	Ethyl Acetate	50.000	52.745	-5.5	104	0.00
38 T	Carbon Tetrachloride	50.000	49.410	1.2	94	0.00
39 T	Methylcyclohexane	50.000	49.617	0.8	95	0.00
40 TM	Benzene	50.000	50.545	-1.1	98	0.00
41 T	Methacrylonitrile	50.000	55.765	-11.5	100	0.00
42 TM	1,2-Dichloroethane	50.000	51.854	-3.7	100	0.00
43 T	Isopropyl Acetate	50.000	55.192	-10.4	106	0.00
44 TM	Trichloroethene	50.000	50.237	-0.5	97	0.00
45 C	1,2-Dichloropropane	50.000	50.166	-0.3#	98	0.00
46 T	Dibromomethane	50.000	52.404	-4.8	101	0.00
47 T	Bromodichloromethane	50.000	52.263	-4.5	100	0.00
48 T	Methyl methacrylate	50.000	55.835	-11.7	106	0.00

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

49 T	1,4-Dioxane	1000.000	1190.437	-19.0	105	-0.01
50 S	Toluene-d8	50.000	48.956	2.1	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.548	-9.8	105	0.00
52 CM	Toluene	50.000	50.059	-0.1#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	52.330	-4.7	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.808	-3.6	98	0.00
55 T	1,1,2-Trichloroethane	50.000	53.326	-6.7	103	0.00
56 T	Ethyl methacrylate	50.000	55.417	-10.8	105	0.00
57 T	1,3-Dichloropropane	50.000	52.478	-5.0	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	271.919	-8.8	103	0.00
59 T	2-Hexanone	250.000	272.241	-8.9	97	0.00
60 T	Dibromochloromethane	50.000	51.049	-2.1	98	0.00
61 T	1,2-Dibromoethane	50.000	52.625	-5.3	101	0.00
62 S	4-Bromofluorobenzene	50.000	48.705	2.6	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64 T	Tetrachloroethene	50.000	49.991	0.0	95	0.00
65 PM	Chlorobenzene	50.000	50.832	-1.7	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.299	-2.6	98	0.00
67 C	Ethyl Benzene	50.000	50.145	-0.3#	97	0.00
68 T	m/p-Xylenes	100.000	101.688	-1.7	96	0.00
69 T	o-Xylene	50.000	51.126	-2.3	97	0.00
70 T	Styrene	50.000	51.755	-3.5	97	0.00
71 P	Bromoform	50.000	53.495	-7.0	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	49.898	0.2	97	0.00
74 T	N-amyl acetate	50.000	53.892	-7.8	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.275	-6.5	104	0.00
76 T	1,2,3-Trichloropropane	50.000	53.196	-6.4	98	0.00
77 T	Bromobenzene	50.000	50.419	-0.8	99	0.00
78 T	n-propylbenzene	50.000	50.020	-0.0	96	0.00
79 T	2-Chlorotoluene	50.000	50.460	-0.9	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.661	-1.3	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.294	-6.6	99	0.00
82 T	4-Chlorotoluene	50.000	50.010	-0.0	97	0.00
83 T	tert-Butylbenzene	50.000	50.753	-1.5	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.484	-1.0	97	0.00
85 T	sec-Butylbenzene	50.000	49.930	0.1	96	0.00
86 T	p-Isopropyltoluene	50.000	50.201	-0.4	96	0.00
87 T	1,3-Dichlorobenzene	50.000	50.941	-1.9	98	0.00
88 T	1,4-Dichlorobenzene	50.000	50.536	-1.1	98	0.00
89 T	n-Butylbenzene	50.000	50.062	-0.1	95	0.00
90 T	Hexachloroethane	50.000	50.462	-0.9	96	0.00
91 T	1,2-Dichlorobenzene	50.000	50.443	-0.9	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.880	-9.8	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.319	3.4	92	0.00
94 T	Hexachlorobutadiene	50.000	48.499	3.0	92	0.00
95 T	Naphthalene	50.000	53.194	-6.4	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.468	1.1	95	0.00

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