

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012420\
 Data File : VY001371.D
 Acq On : 24 Jan 2020 10:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 25 04:08:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 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	102	-0.01
2 T	Dichlorodifluoromethane	50.000	51.768	-3.5	105	-0.01
3 P	Chloromethane	50.000	48.866	2.3	103	-0.01
4 C	Vinyl Chloride	50.000	49.713	0.6#	102	0.00
5 T	Bromomethane	50.000	48.008	4.0	103	-0.02
6 T	Chloroethane	50.000	50.623	-1.2	104	-0.01
7 T	Trichlorofluoromethane	50.000	52.021	-4.0	107	-0.02
8 T	Diethyl Ether	50.000	48.397	3.2	101	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.788	-5.6	107	-0.02
10 T	Methyl Iodide	50.000	50.206	-0.4	97	-0.02
11 T	Tert butyl alcohol	250.000	195.910	21.6	86	-0.02
12 CM	1,1-Dichloroethene	50.000	50.622	-1.2#	105	-0.02
13 T	Acrolein	250.000	319.151	-27.7#	141	-0.02
14 T	Allyl chloride	50.000	50.353	-0.7	104	-0.02
15 T	Acrylonitrile	250.000	246.754	1.3	103	-0.02
16 T	Acetone	250.000	279.679	-11.9	110	-0.02
17 T	Carbon Disulfide	50.000	49.012	2.0	102	-0.02
18 T	Methyl Acetate	50.000	46.210	7.6	101	-0.02
19 T	Methyl tert-butyl Ether	50.000	48.906	2.2	101	-0.02
20 T	Methylene Chloride	50.000	44.199	11.6	94	-0.03
21 T	trans-1,2-Dichloroethene	50.000	49.005	2.0	102	-0.03
22 T	Diisopropyl ether	50.000	49.336	1.3	103	-0.02
23 T	Vinyl Acetate	250.000	251.105	-0.4	103	-0.02
24 P	1,1-Dichloroethane	50.000	49.497	1.0	103	-0.02
25 T	2-Butanone	250.000	253.062	-1.2	106	-0.01
26 T	2,2-Dichloropropane	50.000	49.086	1.8	105	-0.01
27 T	cis-1,2-Dichloroethene	50.000	49.423	1.2	102	-0.02
28 T	Bromochloromethane	50.000	49.512	1.0	98	-0.02
29 T	Tetrahydrofuran	250.000	244.775	2.1	102	-0.02
30 C	Chloroform	50.000	49.419	1.2#	104	-0.01
31 T	Cyclohexane	50.000	49.372	1.3	106	-0.01
32 T	1,1,1-Trichloroethane	50.000	50.140	-0.3	103	-0.01
33 S	1,2-Dichloroethane-d4	50.000	51.354	-2.7	102	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	52.141	-4.3	104	-0.01
36 T	1,1-Dichloropropene	50.000	51.715	-3.4	105	0.00
37 T	Ethyl Acetate	50.000	50.149	-0.3	101	-0.01
38 T	Carbon Tetrachloride	50.000	53.257	-6.5	106	-0.01
39 T	Methylcyclohexane	50.000	53.456	-6.9	107	0.00
40 TM	Benzene	50.000	50.948	-1.9	103	-0.01
41 T	Methacrylonitrile	50.000	50.483	-1.0	107	-0.02
42 TM	1,2-Dichloroethane	50.000	50.983	-2.0	103	0.00
43 T	Isopropyl Acetate	50.000	52.012	-4.0	103	-0.01
44 TM	Trichloroethene	50.000	50.739	-1.5	104	0.00
45 C	1,2-Dichloropropane	50.000	51.559	-3.1#	103	0.00

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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)
46 T	Dibromomethane	50.000	51.405	-2.8	104	0.00
47 T	Bromodichloromethane	50.000	51.383	-2.8	104	0.00
48 T	Methyl methacrylate	50.000	52.177	-4.4	105	0.00
49 T	1,4-Dioxane	1000.000	954.707	4.5	98	0.00
50 S	Toluene-d8	50.000	54.867	-9.7	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.728	-2.3	103	0.00
52 CM	Toluene	50.000	51.214	-2.4#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	52.182	-4.4	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.327	-2.7	103	0.00
55 T	1,1,2-Trichloroethane	50.000	50.922	-1.8	101	0.00
56 T	Ethyl methacrylate	50.000	51.421	-2.8	102	0.00
57 T	1,3-Dichloropropane	50.000	51.625	-3.3	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	232.071	7.2	108	0.00
59 T	2-Hexanone	250.000	270.485	-8.2	106	0.00
60 T	Dibromochloromethane	50.000	51.514	-3.0	103	0.00
61 T	1,2-Dibromoethane	50.000	51.192	-2.4	101	0.00
62 S	4-Bromofluorobenzene	50.000	51.502	-3.0	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	50.905	-1.8	104	0.00
65 PM	Chlorobenzene	50.000	51.523	-3.0	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.121	-4.2	104	0.00
67 C	Ethyl Benzene	50.000	52.064	-4.1#	105	0.00
68 T	m/p-Xylenes	100.000	104.199	-4.2	104	0.00
69 T	o-Xylene	50.000	51.706	-3.4	104	0.00
70 T	Styrene	50.000	51.605	-3.2	103	0.00
71 P	Bromoform	50.000	51.579	-3.2	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73 T	Isopropylbenzene	50.000	50.793	-1.6	104	0.00
74 T	N-amyl acetate	50.000	51.460	-2.9	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.097	-2.2	103	0.00
76 T	1,2,3-Trichloropropane	50.000	52.080	-4.2	105	0.00
77 T	Bromobenzene	50.000	50.421	-0.8	103	0.00
78 T	n-propylbenzene	50.000	51.839	-3.7	105	0.00
79 T	2-Chlorotoluene	50.000	50.961	-1.9	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.102	-2.2	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.129	-4.3	106	0.00
82 T	4-Chlorotoluene	50.000	50.692	-1.4	103	0.00
83 T	tert-Butylbenzene	50.000	51.523	-3.0	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.794	-1.6	104	0.00
85 T	sec-Butylbenzene	50.000	52.371	-4.7	104	0.00
86 T	p-Isopropyltoluene	50.000	51.920	-3.8	105	0.00
87 T	1,3-Dichlorobenzene	50.000	51.012	-2.0	104	0.00
88 T	1,4-Dichlorobenzene	50.000	50.490	-1.0	104	0.00
89 T	n-Butylbenzene	50.000	52.426	-4.9	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.566	-5.1	104	0.00
91 T	1,2-Dichlorobenzene	50.000	50.719	-1.4	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.472	1.1	103	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.433	1.1	104	0.00
94 T	Hexachlorobutadiene	50.000	50.303	-0.6	104	0.00
95 T	Naphthalene	50.000	50.709	-1.4	105	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.731	0.5	104	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6