

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv031620\
 Data File : VY001971.D
 Acq On : 16 Mar 2020 10:21
 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: Mar 17 08:14:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	45.914	8.2	93	0.00
3 P	Chloromethane	50.000	47.703	4.6	95	0.00
4 C	Vinyl Chloride	50.000	49.098	1.8#	94	0.00
5 T	Bromomethane	50.000	54.752	-9.5	95	0.01
6 T	Chloroethane	50.000	49.730	0.5	95	0.01
7 T	Trichlorofluoromethane	50.000	50.855	-1.7	100	0.01
8 T	Diethyl Ether	50.000	50.968	-1.9	98	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.177	-4.4	102	0.01
10 T	Methyl Iodide	50.000	53.933	-7.9	96	0.01
11 T	Tert butyl alcohol	250.000	227.585	9.0	86	0.01
12 CM	1,1-Dichloroethene	50.000	51.310	-2.6#	98	0.00
13 T	Acrolein	250.000	232.552	7.0	98	0.01
14 T	Allyl chloride	50.000	52.141	-4.3	99	0.01
15 T	Acrylonitrile	250.000	250.815	-0.3	95	0.01
16 T	Acetone	250.000	284.310	-13.7	108	0.01
17 T	Carbon Disulfide	50.000	48.169	3.7	92	0.01
18 T	Methyl Acetate	50.000	48.780	2.4	93	0.01
19 T	Methyl tert-butyl Ether	50.000	52.352	-4.7	100	0.00
20 T	Methylene Chloride	50.000	48.442	3.1	99	0.01
21 T	trans-1,2-Dichloroethene	50.000	51.182	-2.4	98	0.01
22 T	Diisopropyl ether	50.000	52.083	-4.2	100	0.01
23 T	Vinyl Acetate	250.000	258.729	-3.5	97	0.00
24 P	1,1-Dichloroethane	50.000	52.026	-4.1	100	0.01
25 T	2-Butanone	250.000	266.177	-6.5	100	0.01
26 T	2,2-Dichloropropane	50.000	53.278	-6.6	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.586	-5.2	100	0.01
28 T	Bromochloromethane	50.000	48.535	2.9	92	0.00
29 T	Tetrahydrofuran	250.000	244.224	2.3	94	0.00
30 C	Chloroform	50.000	53.254	-6.5#	102	0.00
31 T	Cyclohexane	50.000	48.374	3.3	97	0.01
32 T	1,1,1-Trichloroethane	50.000	53.178	-6.4	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.586	2.8	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	50.786	-1.6	101	0.00
36 T	1,1-Dichloropropene	50.000	51.704	-3.4	98	0.00
37 T	Ethyl Acetate	50.000	50.054	-0.1	93	0.01
38 T	Carbon Tetrachloride	50.000	53.665	-7.3	102	0.00
39 T	Methylcyclohexane	50.000	51.943	-3.9	100	0.00
40 TM	Benzene	50.000	52.428	-4.9	100	0.00
41 T	Methacrylonitrile	50.000	58.305	-16.6	114	0.00
42 TM	1,2-Dichloroethane	50.000	52.217	-4.4	98	0.00
43 T	Isopropyl Acetate	50.000	51.346	-2.7	96	0.00
44 TM	Trichloroethene	50.000	52.573	-5.1	101	0.00
45 C	1,2-Dichloropropane	50.000	52.815	-5.6#	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.377	-2.8	98	0.00
47 T	Bromodichloromethane	50.000	54.420	-8.8	102	0.00
48 T	Methyl methacrylate	50.000	51.085	-2.2	92	0.00
49 T	1,4-Dioxane	1000.000	948.109	5.2	88	0.00
50 S	Toluene-d8	50.000	49.816	0.4	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	258.990	-3.6	97	0.00
52 CM	Toluene	50.000	53.023	-6.0#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	54.753	-9.5	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.889	-7.8	100	0.00
55 T	1,1,2-Trichloroethane	50.000	52.481	-5.0	99	0.00
56 T	Ethyl methacrylate	50.000	53.931	-7.9	99	0.00
57 T	1,3-Dichloropropane	50.000	52.732	-5.5	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.200	9.5	89	0.00
59 T	2-Hexanone	250.000	261.510	-4.6	97	0.00
60 T	Dibromochloromethane	50.000	55.060	-10.1	102	0.00
61 T	1,2-Dibromoethane	50.000	52.834	-5.7	101	0.00
62 S	4-Bromofluorobenzene	50.000	49.729	0.5	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	53.337	-6.7	104	0.00
65 PM	Chlorobenzene	50.000	52.810	-5.6	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.788	-9.6	102	0.00
67 C	Ethyl Benzene	50.000	53.316	-6.6#	101	0.00
68 T	m/p-Xylenes	100.000	107.132	-7.1	100	0.00
69 T	o-Xylene	50.000	53.443	-6.9	101	0.00
70 T	Styrene	50.000	55.112	-10.2	101	0.00
71 P	Bromoform	50.000	56.473	-12.9	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	53.226	-6.5	101	0.00
74 T	N-amyl acetate	50.000	50.502	-1.0	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.669	-3.3	98	0.00
76 T	1,2,3-Trichloropropane	50.000	51.778	-3.6	106	0.00
77 T	Bromobenzene	50.000	53.039	-6.1	102	0.00
78 T	n-propylbenzene	50.000	53.104	-6.2	101	0.00
79 T	2-Chlorotoluene	50.000	52.882	-5.8	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.862	-5.7	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.117	-8.2	100	0.00
82 T	4-Chlorotoluene	50.000	53.135	-6.3	101	0.00
83 T	tert-Butylbenzene	50.000	54.254	-8.5	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.310	-6.6	101	0.00
85 T	sec-Butylbenzene	50.000	53.628	-7.3	102	0.00
86 T	p-Isopropyltoluene	50.000	53.195	-6.4	101	0.00
87 T	1,3-Dichlorobenzene	50.000	52.179	-4.4	100	0.00
88 T	1,4-Dichlorobenzene	50.000	52.546	-5.1	101	0.00
89 T	n-Butylbenzene	50.000	52.707	-5.4	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.322	-10.6	105	0.00
91 T	1,2-Dichlorobenzene	50.000	52.769	-5.5	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.644	-1.3	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.078	-4.2	100	0.00
94 T	Hexachlorobutadiene	50.000	53.305	-6.6	105	0.00
95 T	Naphthalene	50.000	51.230	-2.5	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.245	-4.5	101	0.00

(#) = Out of Range

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