

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv050720\
 Data File : VY002618.D
 Acq On : 07 May 2020 09:55
 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: May 08 08:09:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 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	98	-0.01
2 T	Dichlorodifluoromethane	50.000	53.734	-7.5	97	0.00
3 P	Chloromethane	50.000	58.209	-16.4	102	0.00
4 C	Vinyl Chloride	50.000	57.662	-15.3#	101	0.00
5 T	Bromomethane	50.000	53.704	-7.4	102	0.00
6 T	Chloroethane	50.000	54.183	-8.4	99	0.00
7 T	Trichlorofluoromethane	50.000	52.590	-5.2	99	0.00
8 T	Diethyl Ether	50.000	53.200	-6.4	99	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.884	-5.8	100	0.00
10 T	Methyl Iodide	50.000	54.224	-8.4	94	0.00
11 T	Tert butyl alcohol	250.000	217.385	13.0	88	0.00
12 CM	1,1-Dichloroethene	50.000	53.701	-7.4#	102	0.00
13 T	Acrolein	250.000	227.495	9.0	82	0.00
14 T	Allyl chloride	50.000	54.331	-8.7	101	-0.01
15 T	Acrylonitrile	250.000	263.056	-5.2	99	-0.02
16 T	Acetone	250.000	255.576	-2.2	96	0.00
17 T	Carbon Disulfide	50.000	54.682	-9.4	99	-0.01
18 T	Methyl Acetate	50.000	50.882	-1.8	99	-0.02
19 T	Methyl tert-butyl Ether	50.000	52.251	-4.5	98	-0.01
20 T	Methylene Chloride	50.000	50.263	-0.5	101	-0.01
21 T	trans-1,2-Dichloroethene	50.000	53.939	-7.9	101	-0.01
22 T	Diisopropyl ether	50.000	53.525	-7.0	101	-0.01
23 T	Vinyl Acetate	250.000	266.916	-6.8	98	-0.01
24 P	1,1-Dichloroethane	50.000	53.433	-6.9	100	-0.01
25 T	2-Butanone	250.000	246.571	1.4	93	-0.02
26 T	2,2-Dichloropropane	50.000	51.461	-2.9	101	-0.01
27 T	cis-1,2-Dichloroethene	50.000	52.549	-5.1	101	-0.02
28 T	Bromochloromethane	50.000	50.693	-1.4	99	-0.01
29 T	Tetrahydrofuran	250.000	262.428	-5.0	97	-0.01
30 C	Chloroform	50.000	52.153	-4.3#	99	-0.01
31 T	Cyclohexane	50.000	51.288	-2.6	101	-0.01
32 T	1,1,1-Trichloroethane	50.000	52.631	-5.3	100	-0.01
33 S	1,2-Dichloroethane-d4	50.000	48.480	3.0	96	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	-0.01
35 S	Dibromofluoromethane	50.000	50.796	-1.6	100	-0.01
36 T	1,1-Dichloropropene	50.000	53.303	-6.6	101	-0.01
37 T	Ethyl Acetate	50.000	51.929	-3.9	98	-0.01
38 T	Carbon Tetrachloride	50.000	52.342	-4.7	99	-0.01
39 T	Methylcyclohexane	50.000	52.800	-5.6	100	-0.01
40 TM	Benzene	50.000	53.018	-6.0	101	0.00
41 T	Methacrylonitrile	50.000	40.262	19.5	67	-0.02
42 TM	1,2-Dichloroethane	50.000	50.159	-0.3	93	-0.01
43 T	Isopropyl Acetate	50.000	52.368	-4.7	98	-0.01
44 TM	Trichloroethene	50.000	53.969	-7.9	104	-0.01
45 C	1,2-Dichloropropane	50.000	52.796	-5.6#	101	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.766	-3.5	98	-0.01
47 T	Bromodichloromethane	50.000	52.365	-4.7	99	0.00
48 T	Methyl methacrylate	50.000	52.118	-4.2	96	0.00
49 T	1,4-Dioxane	1000.000	1032.842	-3.3	95	0.00
50 S	Toluene-d8	50.000	51.097	-2.2	101	-0.01
51 T	4-Methyl-2-Pentanone	250.000	263.894	-5.6	97	-0.01
52 CM	Toluene	50.000	53.446	-6.9#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	52.757	-5.5	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.767	-5.5	100	-0.01
55 T	1,1,2-Trichloroethane	50.000	51.994	-4.0	98	0.00
56 T	Ethyl methacrylate	50.000	53.945	-7.9	99	-0.01
57 T	1,3-Dichloropropane	50.000	52.100	-4.2	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.875	-5.1	106	-0.01
59 T	2-Hexanone	250.000	265.115	-6.0	96	0.00
60 T	Dibromochloromethane	50.000	52.618	-5.2	99	0.00
61 T	1,2-Dibromoethane	50.000	51.900	-3.8	99	0.00
62 S	4-Bromofluorobenzene	50.000	51.058	-2.1	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	56.324	-12.6	105	0.00
65 PM	Chlorobenzene	50.000	53.248	-6.5	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.166	-8.3	101	0.00
67 C	Ethyl Benzene	50.000	53.614	-7.2#	100	0.00
68 T	m/p-Xylenes	100.000	106.914	-6.9	100	0.00
69 T	o-Xylene	50.000	53.962	-7.9	101	0.00
70 T	Styrene	50.000	54.259	-8.5	100	0.00
71 P	Bromoform	50.000	54.200	-8.4	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	52.731	-5.5	100	0.00
74 T	N-amyl acetate	50.000	54.350	-8.7	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.961	0.1	92	0.00
76 T	1,2,3-Trichloropropane	50.000	47.605	4.8	85	0.00
77 T	Bromobenzene	50.000	52.709	-5.4	99	0.00
78 T	n-propylbenzene	50.000	52.959	-5.9	100	0.00
79 T	2-Chlorotoluene	50.000	53.087	-6.2	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.971	-5.9	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.712	-7.4	99	0.00
82 T	4-Chlorotoluene	50.000	52.335	-4.7	99	0.00
83 T	tert-Butylbenzene	50.000	53.607	-7.2	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.926	-5.9	100	0.00
85 T	sec-Butylbenzene	50.000	53.224	-6.4	100	0.00
86 T	p-Isopropyltoluene	50.000	52.853	-5.7	99	0.00
87 T	1,3-Dichlorobenzene	50.000	52.565	-5.1	100	0.00
88 T	1,4-Dichlorobenzene	50.000	52.189	-4.4	98	0.00
89 T	n-Butylbenzene	50.000	53.052	-6.1	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.595	-7.2	101	0.00
91 T	1,2-Dichlorobenzene	50.000	52.077	-4.2	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.867	-1.7	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.845	-3.7	98	0.00
94 T	Hexachlorobutadiene	50.000	52.369	-4.7	100	0.00
95 T	Naphthalene	50.000	51.385	-2.8	94	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.871	-1.7	96	0.00

(#) = Out of Range

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