

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv051320\
 Data File : VY002672.D
 Acq On : 13 May 2020 10:10
 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 14 03:04:24 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	97	-0.01
2 T	Dichlorodifluoromethane	50.000	51.631	-3.3	91	0.00
3 P	Chloromethane	50.000	56.748	-13.5	97	0.00
4 C	Vinyl Chloride	50.000	55.850	-11.7#	96	0.00
5 T	Bromomethane	50.000	52.307	-4.6	98	0.00
6 T	Chloroethane	50.000	52.914	-5.8	95	0.00
7 T	Trichlorofluoromethane	50.000	52.248	-4.5	96	0.00
8 T	Diethyl Ether	50.000	50.726	-1.5	93	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.674	-5.3	98	0.00
10 T	Methyl Iodide	50.000	53.486	-7.0	91	-0.01
11 T	Tert butyl alcohol	250.000	196.682	21.3	78	-0.02
12 CM	1,1-Dichloroethene	50.000	53.157	-6.3#	99	0.00
13 T	Acrolein	250.000	206.535	17.4	73	0.00
14 T	Allyl chloride	50.000	53.749	-7.5	98	-0.01
15 T	Acrylonitrile	250.000	231.647	7.3	85	-0.02
16 T	Acetone	250.000	200.567	19.8	74	-0.01
17 T	Carbon Disulfide	50.000	52.736	-5.5	93	-0.01
18 T	Methyl Acetate	50.000	45.062	9.9	86	-0.01
19 T	Methyl tert-butyl Ether	50.000	48.845	2.3	90	-0.01
20 T	Methylene Chloride	50.000	49.087	1.8	97	-0.01
21 T	trans-1,2-Dichloroethene	50.000	53.490	-7.0	99	-0.01
22 T	Diisopropyl ether	50.000	52.945	-5.9	98	-0.01
23 T	Vinyl Acetate	250.000	245.567	1.8	88	-0.02
24 P	1,1-Dichloroethane	50.000	53.192	-6.4	97	-0.01
25 T	2-Butanone	250.000	210.356	15.9	77	-0.01
26 T	2,2-Dichloropropane	50.000	52.229	-4.5	101	-0.01
27 T	cis-1,2-Dichloroethene	50.000	52.807	-5.6	99	-0.01
28 T	Bromochloromethane	50.000	53.119	-6.2	102	-0.01
29 T	Tetrahydrofuran	250.000	230.113	8.0	83	-0.01
30 C	Chloroform	50.000	52.042	-4.1#	97	-0.01
31 T	Cyclohexane	50.000	51.197	-2.4	99	-0.01
32 T	1,1,1-Trichloroethane	50.000	51.977	-4.0	97	-0.01
33 S	1,2-Dichloroethane-d4	50.000	44.490	11.0	86	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	-0.01
35 S	Dibromofluoromethane	50.000	49.117	1.8	94	-0.01
36 T	1,1-Dichloropropene	50.000	53.604	-7.2	98	-0.01
37 T	Ethyl Acetate	50.000	46.380	7.2	85	-0.01
38 T	Carbon Tetrachloride	50.000	52.771	-5.5	97	-0.01
39 T	Methylcyclohexane	50.000	53.706	-7.4	99	-0.01
40 TM	Benzene	50.000	53.335	-6.7	99	0.00
41 T	Methacrylonitrile	50.000	45.492	9.0	74	-0.02
42 TM	1,2-Dichloroethane	50.000	47.695	4.6	86	-0.01
43 T	Isopropyl Acetate	50.000	47.859	4.3	87	-0.01
44 TM	Trichloroethene	50.000	54.581	-9.2	102	-0.01
45 C	1,2-Dichloropropane	50.000	52.580	-5.2#	97	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	48.813	2.4	89	-0.01
47 T	Bromodichloromethane	50.000	51.688	-3.4	95	-0.01
48 T	Methyl methacrylate	50.000	47.751	4.5	85	0.00
49 T	1,4-Dioxane	1000.000	922.952	7.7	82	-0.01
50 S	Toluene-d8	50.000	49.639	0.7	96	-0.01
51 T	4-Methyl-2-Pentanone	250.000	236.276	5.5	84	-0.01
52 CM	Toluene	50.000	53.481	-7.0#	99	0.00
53 T	t-1,3-Dichloropropene	50.000	51.192	-2.4	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.505	-5.0	96	-0.01
55 T	1,1,2-Trichloroethane	50.000	49.831	0.3	91	-0.01
56 T	Ethyl methacrylate	50.000	50.773	-1.5	90	-0.01
57 T	1,3-Dichloropropane	50.000	49.902	0.2	91	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	253.913	-1.6	99	-0.01
59 T	2-Hexanone	250.000	233.818	6.5	82	0.00
60 T	Dibromochloromethane	50.000	51.196	-2.4	93	-0.01
61 T	1,2-Dibromoethane	50.000	49.371	1.3	91	-0.01
62 S	4-Bromofluorobenzene	50.000	49.796	0.4	97	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	57.898	-15.8	104	0.00
65 PM	Chlorobenzene	50.000	54.163	-8.3	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.439	-8.9	98	-0.01
67 C	Ethyl Benzene	50.000	55.338	-10.7#	99	0.00
68 T	m/p-Xylenes	100.000	108.969	-9.0	98	0.00
69 T	o-Xylene	50.000	54.803	-9.6	99	0.00
70 T	Styrene	50.000	54.914	-9.8	98	0.00
71 P	Bromoform	50.000	51.363	-2.7	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	-0.01
73 T	Isopropylbenzene	50.000	55.548	-11.1	100	-0.01
74 T	N-amyl acetate	50.000	51.396	-2.8	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.412	7.2	82	0.00
76 T	1,2,3-Trichloropropane	50.000	47.694	4.6	82	0.00
77 T	Bromobenzene	50.000	53.476	-7.0	96	0.00
78 T	n-propylbenzene	50.000	55.696	-11.4	100	0.00
79 T	2-Chlorotoluene	50.000	54.140	-8.3	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.290	-10.6	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.423	-0.8	89	0.00
82 T	4-Chlorotoluene	50.000	54.041	-8.1	98	0.00
83 T	tert-Butylbenzene	50.000	55.616	-11.2	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.196	-10.4	99	0.00
85 T	sec-Butylbenzene	50.000	55.765	-11.5	100	0.00
86 T	p-Isopropyltoluene	50.000	55.392	-10.8	99	0.00
87 T	1,3-Dichlorobenzene	50.000	53.940	-7.9	98	0.00
88 T	1,4-Dichlorobenzene	50.000	53.630	-7.3	96	0.00
89 T	n-Butylbenzene	50.000	55.940	-11.9	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.095	-12.2	101	0.00
91 T	1,2-Dichlorobenzene	50.000	53.166	-6.3	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.771	10.5	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.112	-4.2	94	0.00
94 T	Hexachlorobutadiene	50.000	54.702	-9.4	100	0.00
95 T	Naphthalene	50.000	46.997	6.0	82	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	49.767	0.5	90	0.00

(#) = Out of Range

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