

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv030920\
 Data File : VY001904.D
 Acq On : 09 Mar 2020 11:51
 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 10 11:58:51 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	101	-0.01
2 T	Dichlorodifluoromethane	50.000	47.735	4.5	100	0.00
3 P	Chloromethane	50.000	49.857	0.3	103	0.00
4 C	Vinyl Chloride	50.000	51.462	-2.9#	102	-0.01
5 T	Bromomethane	50.000	56.634	-13.3	102	0.00
6 T	Chloroethane	50.000	50.238	-0.5	100	0.00
7 T	Trichlorofluoromethane	50.000	50.465	-0.9	103	0.00
8 T	Diethyl Ether	50.000	49.398	1.2	99	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.691	-5.4	108	-0.01
10 T	Methyl Iodide	50.000	55.079	-10.2	102	-0.02
11 T	Tert butyl alcohol	250.000	219.368	12.3	87	-0.01
12 CM	1,1-Dichloroethene	50.000	52.581	-5.2#	105	-0.02
13 T	Acrolein	250.000	242.874	2.9	107	-0.01
14 T	Allyl chloride	50.000	50.822	-1.6	101	-0.02
15 T	Acrylonitrile	250.000	234.196	6.3	93	-0.02
16 T	Acetone	250.000	291.076	-16.4	115	-0.01
17 T	Carbon Disulfide	50.000	51.612	-3.2	103	-0.02
18 T	Methyl Acetate	50.000	45.095	9.8	90	-0.02
19 T	Methyl tert-butyl Ether	50.000	49.502	1.0	98	-0.02
20 T	Methylene Chloride	50.000	48.848	2.3	104	-0.02
21 T	trans-1,2-Dichloroethene	50.000	52.231	-4.5	105	-0.02
22 T	Diisopropyl ether	50.000	49.660	0.7	99	-0.01
23 T	Vinyl Acetate	250.000	242.605	3.0	95	-0.02
24 P	1,1-Dichloroethane	50.000	51.485	-3.0	103	-0.02
25 T	2-Butanone	250.000	252.840	-1.1	99	-0.01
26 T	2,2-Dichloropropane	50.000	52.724	-5.4	107	-0.02
27 T	cis-1,2-Dichloroethene	50.000	51.729	-3.5	102	-0.02
28 T	Bromochloromethane	50.000	47.213	5.6	93	-0.01
29 T	Tetrahydrofuran	250.000	223.109	10.8	89	-0.02
30 C	Chloroform	50.000	50.997	-2.0#	101	-0.01
31 T	Cyclohexane	50.000	49.466	1.1	103	-0.01
32 T	1,1,1-Trichloroethane	50.000	52.019	-4.0	103	-0.01
33 S	1,2-Dichloroethane-d4	50.000	48.047	3.9	101	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	-0.01
35 S	Dibromofluoromethane	50.000	50.892	-1.8	105	-0.01
36 T	1,1-Dichloropropene	50.000	52.769	-5.5	104	-0.01
37 T	Ethyl Acetate	50.000	46.387	7.2	90	-0.01
38 T	Carbon Tetrachloride	50.000	52.958	-5.9	105	-0.01
39 T	Methylcyclohexane	50.000	52.807	-5.6	106	-0.01
40 TM	Benzene	50.000	51.746	-3.5	102	-0.01
41 T	Methacrylonitrile	50.000	51.054	-2.1	104	-0.01
42 TM	1,2-Dichloroethane	50.000	49.756	0.5	97	-0.01
43 T	Isopropyl Acetate	50.000	46.839	6.3	92	-0.01
44 TM	Trichloroethene	50.000	51.956	-3.9	104	-0.01
45 C	1,2-Dichloropropane	50.000	51.667	-3.3#	101	-0.01

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.402	1.2	98	-0.02
47 T	Bromodichloromethane	50.000	52.105	-4.2	102	-0.01
48 T	Methyl methacrylate	50.000	48.567	2.9	91	0.00
49 T	1,4-Dioxane	1000.000	901.225	9.9	87	-0.01
50 S	Toluene-d8	50.000	50.454	-0.9	104	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.902	5.6	92	0.00
52 CM	Toluene	50.000	52.635	-5.3#	104	-0.01
53 T	t-1,3-Dichloropropene	50.000	52.083	-4.2	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.556	-3.1	100	0.00
55 T	1,1,2-Trichloroethane	50.000	49.802	0.4	98	0.00
56 T	Ethyl methacrylate	50.000	49.916	0.2	95	0.00
57 T	1,3-Dichloropropane	50.000	49.787	0.4	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	209.914	16.0	87	0.00
59 T	2-Hexanone	250.000	245.478	1.8	95	0.00
60 T	Dibromochloromethane	50.000	52.036	-4.1	100	0.00
61 T	1,2-Dibromoethane	50.000	50.666	-1.3	101	0.00
62 S	4-Bromofluorobenzene	50.000	49.552	0.9	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	52.304	-4.6	105	0.00
65 PM	Chlorobenzene	50.000	52.332	-4.7	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.201	-6.4	102	0.00
67 C	Ethyl Benzene	50.000	52.738	-5.5#	102	0.00
68 T	m/p-Xylenes	100.000	107.435	-7.4	103	0.00
69 T	o-Xylene	50.000	52.707	-5.4	102	0.00
70 T	Styrene	50.000	53.884	-7.8	102	0.00
71 P	Bromoform	50.000	52.739	-5.5	97	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	54.363	-8.7	103	0.00
74 T	N-amyl acetate	50.000	48.287	3.4	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.936	-1.9	96	0.00
76 T	1,2,3-Trichloropropane	50.000	46.924	6.2	96	0.00
77 T	Bromobenzene	50.000	53.164	-6.3	102	0.00
78 T	n-propylbenzene	50.000	54.241	-8.5	103	0.00
79 T	2-Chlorotoluene	50.000	53.729	-7.5	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.458	-8.9	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.023	-4.0	96	0.00
82 T	4-Chlorotoluene	50.000	53.536	-7.1	102	0.00
83 T	tert-Butylbenzene	50.000	56.060	-12.1	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.266	-8.5	103	0.00
85 T	sec-Butylbenzene	50.000	54.882	-9.8	104	0.00
86 T	p-Isopropyltoluene	50.000	54.988	-10.0	104	0.00
87 T	1,3-Dichlorobenzene	50.000	52.775	-5.5	101	0.00
88 T	1,4-Dichlorobenzene	50.000	51.985	-4.0	99	0.00
89 T	n-Butylbenzene	50.000	53.929	-7.9	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.574	-11.1	105	0.00
91 T	1,2-Dichlorobenzene	50.000	52.794	-5.6	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.089	1.8	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.049	-4.1	99	0.00
94 T	Hexachlorobutadiene	50.000	53.670	-7.3	105	0.00
95 T	Naphthalene	50.000	50.174	-0.3	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.094	-2.2	98	0.00

(#) = Out of Range

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