

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063650.D
 Acq On : 19 Aug 2019 11:36
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 20 08:27:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	100	-0.02
2 T	Dichlorodifluoromethane	50.000	42.634	14.7	86	-0.01
3 P	Chloromethane	50.000	44.356	11.3	94	0.00
4 C	Vinyl Chloride	50.000	48.256	3.5#	94	-0.01
5 T	Bromomethane	50.000	45.375	9.3	84	-0.01
6 T	Chloroethane	50.000	52.381	-4.8	101	-0.01
7 T	Trichlorofluoromethane	50.000	49.371	1.3	95	-0.01
8 T	Diethyl Ether	50.000	47.809	4.4	95	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.586	4.8	94	-0.01
10 T	Methyl Iodide	50.000	45.249	9.5	86	-0.02
11 T	Tert butyl alcohol	250.000	284.179	-13.7	110	-0.02
12 CM	1,1-Dichloroethene	50.000	46.451	7.1#	87	-0.01
13 T	Acrolein	250.000	240.661	3.7	105	-0.02
14 T	Allyl chloride	50.000	48.672	2.7	97	-0.01
15 T	Acrylonitrile	250.000	250.199	-0.1	97	-0.01
16 T	Acetone	250.000	273.246	-9.3	97	-0.02
17 T	Carbon Disulfide	50.000	43.465	13.1	87	-0.01
18 T	Methyl Acetate	50.000	47.911	4.2	104	-0.01
19 T	Methyl tert-butyl Ether	50.000	52.319	-4.6	102	-0.01
20 T	Methylene Chloride	50.000	41.079	17.8	87	-0.02
21 T	trans-1,2-Dichloroethene	50.000	47.000	6.0	88	-0.01
22 T	Diisopropyl ether	50.000	47.227	5.5	93	-0.01
23 T	Vinyl Acetate	250.000	262.194	-4.9	103	-0.02
24 P	1,1-Dichloroethane	50.000	48.497	3.0	96	-0.02
25 T	2-Butanone	250.000	251.864	-0.7	97	-0.02
26 T	2,2-Dichloropropane	50.000	50.452	-0.9	100	-0.02
27 T	cis-1,2-Dichloroethene	50.000	47.587	4.8	93	-0.02
28 T	Bromochloromethane	50.000	51.891	-3.8	100	-0.02
29	Tetrahydrofuran	250.000	263.416	-5.4	103	-0.02
30 C	Chloroform	50.000	45.130	9.7#	90	-0.02
31 T	Cyclohexane	50.000	46.635	6.7	88	-0.01
32 T	1,1,1-Trichloroethane	50.000	48.107	3.8	94	-0.02
33 S	1,2-Dichloroethane-d4	50.000	50.705	-1.4	88	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	-0.02
35 S	Dibromofluoromethane	50.000	51.186	-2.4	89	-0.02
36 T	1,1-Dichloropropene	50.000	48.371	3.3	93	-0.02
37 T	Ethyl Acetate	50.000	51.062	-2.1	100	-0.03
38 T	Carbon Tetrachloride	50.000	52.193	-4.4	94	-0.02
39 T	Methylcyclohexane	50.000	47.731	4.5	88	-0.01
40 TM	Benzene	50.000	47.172	5.7	90	-0.02
41 T	Methacrylonitrile	50.000	53.623	-7.2	103	-0.01
42 TM	1,2-Dichloroethane	50.000	47.896	4.2	92	-0.02
43 T	Isopropyl Acetate	50.000	54.386	-8.8	106	-0.02
44 TM	Trichloroethene	50.000	44.894	10.2	92	-0.01
45 C	1,2-Dichloropropane	50.000	49.285	1.4#	98	-0.01

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	46.683	6.6	89	-0.01
47 T	Bromodichloromethane	50.000	49.012	2.0	97	-0.01
48 T	Methyl methacrylate	50.000	48.791	2.4	96	-0.02
49 T	1,4-Dioxane	1000.000	880.616	11.9	87	-0.02
50 S	Toluene-d8	50.000	50.101	-0.2	84	-0.01
51 T	4-Methyl-2-Pentanone	250.000	263.141	-5.3	108	-0.01
52 CM	Toluene	50.000	48.004	4.0#	98	-0.02
53 T	t-1,3-Dichloropropene	50.000	50.832	-1.7	98	-0.01
54 T	cis-1,3-Dichloropropene	50.000	50.369	-0.7	96	-0.02
55 T	1,1,2-Trichloroethane	50.000	50.082	-0.2	100	-0.02
56 T	Ethyl methacrylate	50.000	51.285	-2.6	97	-0.02
57 T	1,3-Dichloropropane	50.000	51.438	-2.9	101	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	276.128	-10.5	98	-0.01
59 T	2-Hexanone	250.000	267.999	-7.2	98	-0.01
60 T	Dibromochloromethane	50.000	51.117	-2.2	99	-0.02
61 T	1,2-Dibromoethane	50.000	50.513	-1.0	101	-0.01
62 S	4-Bromofluorobenzene	50.000	50.016	-0.0	94	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	-0.01
64 T	Tetrachloroethene	50.000	50.936	-1.9	99	-0.02
65 PM	Chlorobenzene	50.000	49.573	0.9	97	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	49.210	1.6	95	-0.02
67 C	Ethyl Benzene	50.000	45.691	8.6#	88	-0.01
68 T	m/p-Xylenes	100.000	99.694	0.3	98	-0.02
69 T	o-Xylene	50.000	51.958	-3.9	100	-0.01
70 T	Styrene	50.000	47.316	5.4	94	-0.01
71 P	Bromoform	50.000	53.748	-7.5	102	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	-0.01
73 T	Isopropylbenzene	50.000	47.403	5.2	88	-0.01
74 T	N-amyl acetate	50.000	54.449	-8.9	102	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	53.391	-6.8	100	-0.01
76 T	1,2,3-Trichloropropane	50.000	53.515	-7.0	101	-0.01
77 T	Bromobenzene	50.000	50.357	-0.7	98	-0.01
78 T	n-propylbenzene	50.000	47.521	5.0	92	-0.01
79 T	2-Chlorotoluene	50.000	49.269	1.5	97	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	44.029	11.9	83	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	52.680	-5.4	100	-0.01
82 T	4-Chlorotoluene	50.000	46.501	7.0	90	-0.01
83 T	tert-Butylbenzene	50.000	52.942	-5.9	101	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	48.857	2.3	92	-0.01
85 T	sec-Butylbenzene	50.000	50.911	-1.8	103	-0.01
86 T	p-Isopropyltoluene	50.000	50.678	-1.4	94	-0.01
87 T	1,3-Dichlorobenzene	50.000	48.891	2.2	95	-0.01
88 T	1,4-Dichlorobenzene	50.000	51.534	-3.1	99	-0.01
89 T	n-Butylbenzene	50.000	50.836	-1.7	101	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.748	-5.5	102	-0.01
91 T	1,2-Dichlorobenzene	50.000	50.894	-1.8	100	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.891	-1.8	100	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	54.425	-8.8	100	-0.01
94 T	Hexachlorobutadiene	50.000	49.793	0.4	93	0.00
95 T	Naphthalene	50.000	52.378	-4.8	101	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	49.046	1.9	96	-0.01

(#) = Out of Range

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