

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063502.D
 Acq On : 12 Aug 2019 22:48
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 13 01:26:56 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	94	-0.02
2 T	Dichlorodifluoromethane	50.000	47.800	4.4	91	-0.01
3 P	Chloromethane	50.000	51.698	-3.4	103	0.00
4 C	Vinyl Chloride	50.000	52.822	-5.6#	97	-0.01
5 T	Bromomethane	50.000	56.125	-12.3	98	-0.01
6 T	Chloroethane	50.000	55.564	-11.1	101	0.00
7 T	Trichlorofluoromethane	50.000	52.912	-5.8	95	0.00
8 T	Diethyl Ether	50.000	55.885	-11.8	104	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.464	-6.9	99	-0.01
10 T	Methyl Iodide	50.000	54.297	-8.6	96	-0.01
11 T	Tert butyl alcohol	250.000	302.712	-21.1#	110	-0.02
12 CM	1,1-Dichloroethene	50.000	53.126	-6.3#	93	-0.01
13 T	Acrolein	250.000	258.811	-3.5	105	-0.02
14 T	Allyl chloride	50.000	53.395	-6.8	100	-0.01
15 T	Acrylonitrile	250.000	282.146	-12.9	102	-0.01
16 T	Acetone	250.000	250.330	-0.1	83	-0.01
17 T	Carbon Disulfide	50.000	50.888	-1.8	96	-0.01
18 T	Methyl Acetate	50.000	57.562	-15.1	117	0.00
19 T	Methyl tert-butyl Ether	50.000	58.652	-17.3	107	-0.01
20 T	Methylene Chloride	50.000	47.816	4.4	95	-0.01
21 T	trans-1,2-Dichloroethene	50.000	53.676	-7.4	95	-0.01
22 T	Diisopropyl ether	50.000	53.146	-6.3	98	-0.01
23 T	Vinyl Acetate	250.000	278.113	-11.2	103	-0.02
24 P	1,1-Dichloroethane	50.000	55.751	-11.5	104	-0.01
25 T	2-Butanone	250.000	270.996	-8.4	98	-0.02
26 T	2,2-Dichloropropane	50.000	50.362	-0.7	93	-0.02
27 T	cis-1,2-Dichloroethene	50.000	53.708	-7.4	98	-0.01
28 T	Bromochloromethane	50.000	55.535	-11.1	100	-0.02
29	Tetrahydrofuran	250.000	287.184	-14.9	105	-0.01
30 C	Chloroform	50.000	53.815	-7.6#	101	-0.02
31 T	Cyclohexane	50.000	54.313	-8.6	96	-0.01
32 T	1,1,1-Trichloroethane	50.000	53.312	-6.6	98	-0.01
33 S	1,2-Dichloroethane-d4	50.000	56.560	-13.1	92	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	-0.02
35 S	Dibromofluoromethane	50.000	53.534	-7.1	89	-0.01
36 T	1,1-Dichloropropene	50.000	54.265	-8.5	101	-0.01
37 T	Ethyl Acetate	50.000	53.515	-7.0	101	-0.02
38 T	Carbon Tetrachloride	50.000	57.405	-14.8	100	-0.01
39 T	Methylcyclohexane	50.000	47.939	4.1	85	-0.01
40 TM	Benzene	50.000	52.422	-4.8	96	-0.01
41 T	Methacrylonitrile	50.000	57.002	-14.0	105	-0.01
42 TM	1,2-Dichloroethane	50.000	56.645	-13.3	105	-0.02
43 T	Isopropyl Acetate	50.000	57.153	-14.3	108	-0.02
44 TM	Trichloroethene	50.000	52.640	-5.3	104	-0.01
45 C	1,2-Dichloropropane	50.000	54.155	-8.3#	104	-0.01

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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)
46 T	Dibromomethane	50.000	56.881	-13.8	104	-0.01
47 T	Bromodichloromethane	50.000	58.506	-17.0	112	-0.01
48 T	Methyl methacrylate	50.000	54.589	-9.2	103	-0.01
49 T	1,4-Dioxane	1000.000	1025.198	-2.5	98	-0.02
50 S	Toluene-d8	50.000	52.726	-5.5	85	-0.01
51 T	4-Methyl-2-Pentanone	250.000	292.381	-17.0	115	-0.01
52 CM	Toluene	50.000	54.265	-8.5#	107	-0.02
53 T	t-1,3-Dichloropropene	50.000	55.860	-11.7	104	-0.01
54 T	cis-1,3-Dichloropropene	50.000	53.299	-6.6	98	-0.02
55 T	1,1,2-Trichloroethane	50.000	53.526	-7.1	103	-0.02
56 T	Ethyl methacrylate	50.000	57.751	-15.5	106	-0.02
57 T	1,3-Dichloropropane	50.000	54.910	-9.8	103	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	281.199	-12.5	96	-0.01
59 T	2-Hexanone	250.000	264.591	-5.8	93	-0.01
60 T	Dibromochloromethane	50.000	57.776	-15.6	108	-0.01
61 T	1,2-Dibromoethane	50.000	54.174	-8.3	104	-0.01
62 S	4-Bromofluorobenzene	50.000	51.722	-3.4	93	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	-0.01
64 T	Tetrachloroethene	50.000	54.064	-8.1	101	-0.02
65 PM	Chlorobenzene	50.000	54.457	-8.9	102	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	54.262	-8.5	101	-0.01
67 C	Ethyl Benzene	50.000	51.773	-3.5#	96	-0.01
68 T	m/p-Xylenes	100.000	105.344	-5.3	100	-0.02
69 T	o-Xylene	50.000	52.119	-4.2	97	-0.01
70 T	Styrene	50.000	51.325	-2.7	98	-0.01
71 P	Bromoform	50.000	58.543	-17.1	106	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	-0.01
73 T	Isopropylbenzene	50.000	54.582	-9.2	98	-0.01
74 T	N-amyl acetate	50.000	58.209	-16.4	105	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	61.188	-22.4#	111	-0.01
76 T	1,2,3-Trichloropropane	50.000	57.673	-15.3	105	-0.01
77 T	Bromobenzene	50.000	55.189	-10.4	103	-0.01
78 T	n-propylbenzene	50.000	52.338	-4.7	98	-0.01
79 T	2-Chlorotoluene	50.000	52.135	-4.3	99	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	48.787	2.4	89	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	53.682	-7.4	98	-0.01
82 T	4-Chlorotoluene	50.000	48.987	2.0	91	-0.01
83 T	tert-Butylbenzene	50.000	53.253	-6.5	98	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	54.680	-9.4	99	-0.01
85 T	sec-Butylbenzene	50.000	52.029	-4.1	101	-0.01
86 T	p-Isopropyltoluene	50.000	52.135	-4.3	93	-0.01
87 T	1,3-Dichlorobenzene	50.000	53.819	-7.6	101	-0.01
88 T	1,4-Dichlorobenzene	50.000	54.317	-8.6	101	-0.01
89 T	n-Butylbenzene	50.000	53.038	-6.1	102	-0.01

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90 T	Hexachloroethane	50.000	56.754	-13.5	106	-0.01
91 T	1,2-Dichlorobenzene	50.000	55.042	-10.1	104	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.799	-19.6	113	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	54.266	-8.5	96	-0.01
94 T	Hexachlorobutadiene	50.000	54.202	-8.4	98	-0.01
95 T	Naphthalene	50.000	56.517	-13.0	105	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	56.494	-13.0	106	-0.01

(#) = Out of Range

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