

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063569.D
 Acq On : 14 Aug 2019 12:05
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 14 13:25:49 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	82	-0.01
2 T	Dichlorodifluoromethane	50.000	40.073	19.9	66	-0.01
3 P	Chloromethane	50.000	50.423	-0.8	88	0.00
4 C	Vinyl Chloride	50.000	44.410	11.2#	71	-0.01
5 T	Bromomethane	50.000	55.876	-11.8	85	-0.01
6 T	Chloroethane	50.000	52.931	-5.9	84	0.00
7 T	Trichlorofluoromethane	50.000	47.529	4.9	74	0.00
8 T	Diethyl Ether	50.000	59.369	-18.7	96	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.551	0.9	80	-0.01
10 T	Methyl Iodide	50.000	56.424	-12.8	87	-0.01
11 T	Tert butyl alcohol	250.000	330.618	-32.2#	105	-0.02
12 CM	1,1-Dichloroethene	50.000	49.560	0.9#	76	-0.01
13 T	Acrolein	250.000	250.853	-0.3	89	-0.01
14 T	Allyl chloride	50.000	54.435	-8.9	89	-0.01
15 T	Acrylonitrile	250.000	343.408	-37.4#	109	-0.01
16 T	Acetone	250.000	226.915	9.2	66	-0.01
17 T	Carbon Disulfide	50.000	47.218	5.6	77	-0.01
18 T	Methyl Acetate	50.000	64.062	-28.1#	113	0.00
19 T	Methyl tert-butyl Ether	50.000	65.403	-30.8#	104	-0.01
20 T	Methylene Chloride	50.000	52.081	-4.2	90	-0.01
21 T	trans-1,2-Dichloroethene	50.000	56.579	-13.2	87	-0.01
22 T	Diisopropyl ether	50.000	61.107	-22.2#	98	-0.01
23 T	Vinyl Acetate	250.000	301.189	-20.5#	97	-0.01
24 P	1,1-Dichloroethane	50.000	57.825	-15.7	94	-0.01
25 T	2-Butanone	250.000	298.405	-19.4	94	-0.01
26 T	2,2-Dichloropropane	50.000	43.046	13.9	69	-0.01
27 T	cis-1,2-Dichloroethene	50.000	58.492	-17.0	93	-0.01
28 T	Bromochloromethane	50.000	60.304	-20.6#	95	-0.01
29	Tetrahydrofuran	250.000	314.155	-25.7#	100	-0.01
30 C	Chloroform	50.000	57.242	-14.5#	94	-0.01
31 T	Cyclohexane	50.000	44.395	11.2	69	0.00
32 T	1,1,1-Trichloroethane	50.000	51.627	-3.3	82	-0.01
33 S	1,2-Dichloroethane-d4	50.000	60.421	-20.8#	86	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	-0.01
35 S	Dibromofluoromethane	50.000	53.921	-7.8	85	0.00
36 T	1,1-Dichloropropene	50.000	50.068	-0.1	88	-0.01
37 T	Ethyl Acetate	50.000	55.633	-11.3	99	-0.02
38 T	Carbon Tetrachloride	50.000	50.696	-1.4	83	-0.01
39 T	Methylcyclohexane	50.000	43.915	12.2	74	0.00
40 TM	Benzene	50.000	50.523	-1.0	87	-0.01
41 T	Methacrylonitrile	50.000	57.779	-15.6	100	-0.01
42 TM	1,2-Dichloroethane	50.000	55.169	-10.3	96	-0.01
43 T	Isopropyl Acetate	50.000	55.498	-11.0	98	-0.01
44 TM	Trichloroethene	50.000	51.380	-2.8	95	0.00
45 C	1,2-Dichloropropane	50.000	56.809	-13.6#	102	-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	56.058	-12.1	97	0.00
47 T	Bromodichloromethane	50.000	56.146	-12.3	101	-0.01
48 T	Methyl methacrylate	50.000	58.399	-16.8	104	0.00
49 T	1,4-Dioxane	1000.000	1087.955	-8.8	98	0.00
50 S	Toluene-d8	50.000	54.222	-8.4	82	-0.01
51 T	4-Methyl-2-Pentanone	250.000	305.427	-22.2#	113	-0.01
52 CM	Toluene	50.000	49.795	0.4#	92	-0.02
53 T	t-1,3-Dichloropropene	50.000	54.774	-9.5	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.489	-7.0	92	-0.01
55 T	1,1,2-Trichloroethane	50.000	55.727	-11.5	101	-0.01
56 T	Ethyl methacrylate	50.000	59.439	-18.9	102	-0.01
57 T	1,3-Dichloropropane	50.000	56.982	-14.0	101	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	293.561	-17.4	94	-0.01
59 T	2-Hexanone	250.000	286.980	-14.8	95	-0.01
60 T	Dibromochloromethane	50.000	58.610	-17.2	103	-0.01
61 T	1,2-Dibromoethane	50.000	58.218	-16.4	105	-0.01
62 S	4-Bromofluorobenzene	50.000	52.849	-5.7	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	-0.01
64 T	Tetrachloroethene	50.000	49.128	1.7	95	-0.01
65 PM	Chlorobenzene	50.000	47.237	5.5	92	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	49.916	0.2	97	-0.01
67 C	Ethyl Benzene	50.000	44.365	11.3#	85	-0.01
68 T	m/p-Xylenes	100.000	91.758	8.2	90	-0.01
69 T	o-Xylene	50.000	48.303	3.4	93	-0.01
70 T	Styrene	50.000	48.654	2.7	97	0.00
71 P	Bromoform	50.000	55.222	-10.4	104	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	-0.01
73 T	Isopropylbenzene	50.000	48.005	4.0	84	-0.01
74 T	N-amyl acetate	50.000	55.875	-11.8	98	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	53.244	-6.5	94	-0.01
76 T	1,2,3-Trichloropropane	50.000	51.857	-3.7	92	0.00
77 T	Bromobenzene	50.000	49.418	1.2	90	-0.01
78 T	n-propylbenzene	50.000	47.569	4.9	87	-0.01
79 T	2-Chlorotoluene	50.000	48.300	3.4	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.871	8.3	82	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	48.094	3.8	86	-0.01
82 T	4-Chlorotoluene	50.000	47.417	5.2	86	-0.01
83 T	tert-Butylbenzene	50.000	51.097	-2.2	92	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	50.483	-1.0	89	-0.01
85 T	sec-Butylbenzene	50.000	49.416	1.2	94	-0.01
86 T	p-Isopropyltoluene	50.000	45.300	9.4	79	0.00
87 T	1,3-Dichlorobenzene	50.000	47.401	5.2	87	-0.01
88 T	1,4-Dichlorobenzene	50.000	49.829	0.3	91	-0.01
89 T	n-Butylbenzene	50.000	45.565	8.9	86	-0.01

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90 T	Hexachloroethane	50.000	51.738	-3.5	94	-0.01
91 T	1,2-Dichlorobenzene	50.000	53.392	-6.8	99	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.607	-13.2	105	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	53.977	-8.0	93	-0.01
94 T	Hexachlorobutadiene	50.000	47.979	4.0	85	0.00
95 T	Naphthalene	50.000	50.857	-1.7	93	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	55.178	-10.4	102	-0.01

(#) = Out of Range

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