

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063672.D
 Acq On : 19 Aug 2019 22:17
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 20 08:18:17 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	85	-0.04
2 T	Dichlorodifluoromethane	50.000	46.645	6.7	81	-0.02
3 P	Chloromethane	50.000	49.892	0.2	91	0.00
4 C	Vinyl Chloride	50.000	51.117	-2.2#	85	-0.02
5 T	Bromomethane	50.000	59.161	-18.3	94	-0.02
6 T	Chloroethane	50.000	52.962	-5.9	88	0.00
7 T	Trichlorofluoromethane	50.000	55.041	-10.1	90	-0.02
8 T	Diethyl Ether	50.000	54.079	-8.2	92	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.040	-8.1	91	-0.02
10 T	Methyl Iodide	50.000	58.423	-16.8	95	-0.03
11 T	Tert butyl alcohol	250.000	241.797	3.3	80	-0.04
12 CM	1,1-Dichloroethene	50.000	52.385	-4.8#	84	-0.02
13 T	Acrolein	250.000	220.418	11.8	82	-0.03
14 T	Allyl chloride	50.000	54.642	-9.3	94	-0.03
15 T	Acrylonitrile	250.000	264.901	-6.0	88	-0.03
16 T	Acetone	250.000	215.437	13.8	65	-0.03
17 T	Carbon Disulfide	50.000	49.345	1.3	84	-0.03
18 T	Methyl Acetate	50.000	50.406	-0.8	93	-0.02
19 T	Methyl tert-butyl Ether	50.000	55.259	-10.5	92	-0.03
20 T	Methylene Chloride	50.000	51.652	-3.3	93	-0.03
21 T	trans-1,2-Dichloroethene	50.000	55.297	-10.6	89	-0.03
22 T	Diisopropyl ether	50.000	54.580	-9.2	92	-0.03
23 T	Vinyl Acetate	250.000	280.524	-12.2	94	-0.04
24 P	1,1-Dichloroethane	50.000	53.657	-7.3	91	-0.04
25 T	2-Butanone	250.000	256.308	-2.5	85	-0.03
26 T	2,2-Dichloropropane	50.000	57.134	-14.3	96	-0.03
27 T	cis-1,2-Dichloroethene	50.000	58.314	-16.6	97	-0.03
28 T	Bromochloromethane	50.000	49.542	0.9	82	-0.03
29	Tetrahydrofuran	250.000	242.095	3.2	81	-0.03
30 C	Chloroform	50.000	53.641	-7.3#	92	-0.04
31 T	Cyclohexane	50.000	50.033	-0.1	81	-0.03
32 T	1,1,1-Trichloroethane	50.000	54.505	-9.0	91	-0.04
33 S	1,2-Dichloroethane-d4	50.000	46.787	6.4	69	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	-0.03
35 S	Dibromofluoromethane	50.000	47.372	5.3	71	-0.03
36 T	1,1-Dichloropropene	50.000	54.477	-9.0	91	-0.03
37 T	Ethyl Acetate	50.000	52.135	-4.3	89	-0.04
38 T	Carbon Tetrachloride	50.000	57.346	-14.7	90	-0.03
39 T	Methylcyclohexane	50.000	54.997	-10.0	88	-0.02
40 TM	Benzene	50.000	54.031	-8.1	89	-0.03
41 T	Methacrylonitrile	50.000	51.198	-2.4	85	-0.03
42 TM	1,2-Dichloroethane	50.000	53.744	-7.5	90	-0.03
43 T	Isopropyl Acetate	50.000	53.188	-6.4	90	-0.03
44 TM	Trichloroethene	50.000	53.080	-6.2	94	-0.02
45 C	1,2-Dichloropropane	50.000	56.337	-12.7#	97	-0.03

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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	57.588	-15.2	95	-0.02
47 T	Bromodichloromethane	50.000	57.543	-15.1	99	-0.02
48 T	Methyl methacrylate	50.000	53.920	-7.8	92	-0.03
49 T	1,4-Dioxane	1000.000	1000.646	-0.1	86	-0.04
50 S	Toluene-d8	50.000	48.985	2.0	71	-0.02
51 T	4-Methyl-2-Pentanone	250.000	257.769	-3.1	92	-0.02
52 CM	Toluene	50.000	53.079	-6.2#	94	-0.03
53 T	t-1,3-Dichloropropene	50.000	57.963	-15.9	97	-0.02
54 T	cis-1,3-Dichloropropene	50.000	53.368	-6.7	88	-0.03
55 T	1,1,2-Trichloroethane	50.000	53.189	-6.4	92	-0.03
56 T	Ethyl methacrylate	50.000	51.069	-2.1	84	-0.03
57 T	1,3-Dichloropropane	50.000	53.838	-7.7	91	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	272.874	-9.1	84	-0.02
59 T	2-Hexanone	250.000	253.500	-1.4	81	-0.02
60 T	Dibromochloromethane	50.000	55.137	-10.3	93	-0.03
61 T	1,2-Dibromoethane	50.000	56.090	-12.2	97	-0.02
62 S	4-Bromofluorobenzene	50.000	46.610	6.8	76	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	-0.02
64 T	Tetrachloroethene	50.000	61.321	-22.6#	99	-0.03
65 PM	Chlorobenzene	50.000	58.657	-17.3	95	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	58.302	-16.6	94	-0.02
67 C	Ethyl Benzene	50.000	56.439	-12.9#	90	-0.02
68 T	m/p-Xylenes	100.000	117.474	-17.5	96	-0.03
69 T	o-Xylene	50.000	52.651	-5.3	84	-0.02
70 T	Styrene	50.000	56.890	-13.8	94	-0.02
71 P	Bromoform	50.000	60.038	-20.1#	94	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	-0.02
73 T	Isopropylbenzene	50.000	56.758	-13.5	91	-0.02
74 T	N-amyl acetate	50.000	53.293	-6.6	86	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	59.067	-18.1	96	-0.02
76 T	1,2,3-Trichloropropane	50.000	58.126	-16.3	95	0.00
77 T	Bromobenzene	50.000	55.366	-10.7	92	-0.02
78 T	n-propylbenzene	50.000	51.900	-3.8	87	-0.02
79 T	2-Chlorotoluene	50.000	55.318	-10.6	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.105	-10.2	90	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	51.755	-3.5	84	-0.02
82 T	4-Chlorotoluene	50.000	58.003	-16.0	96	-0.02
83 T	tert-Butylbenzene	50.000	57.873	-15.7	95	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	62.914	-25.8#	102	-0.02
85 T	sec-Butylbenzene	50.000	60.744	-21.5#	105	-0.02
86 T	p-Isopropyltoluene	50.000	55.414	-10.8	88	0.00
87 T	1,3-Dichlorobenzene	50.000	56.365	-12.7	94	-0.02
88 T	1,4-Dichlorobenzene	50.000	55.560	-11.1	92	-0.02
89 T	n-Butylbenzene	50.000	57.901	-15.8	99	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	61.970	-23.9#	103	-0.02
91 T	1,2-Dichlorobenzene	50.000	59.040	-18.1	100	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.627	-9.3	92	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	59.306	-18.6	94	-0.02
94 T	Hexachlorobutadiene	50.000	62.326	-24.7#	101	0.00
95 T	Naphthalene	50.000	51.313	-2.6	86	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	58.380	-16.8	98	-0.02

(#) = Out of Range

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