

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD082319\
 Data File : VD063754.D
 Acq On : 23 Aug 2019 9:24
 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 26 01:02:45 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	90	-0.02
2 T	Dichlorodifluoromethane	50.000	44.722	10.6	81	0.00
3 P	Chloromethane	50.000	44.576	10.8	85	0.00
4 C	Vinyl Chloride	50.000	47.578	4.8#	84	0.00
5 T	Bromomethane	50.000	44.765	10.5	75	0.00
6 T	Chloroethane	50.000	50.805	-1.6	88	0.00
7 T	Trichlorofluoromethane	50.000	53.910	-7.8	93	0.00
8 T	Diethyl Ether	50.000	46.197	7.6	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.582	-3.2	92	0.00
10 T	Methyl Iodide	50.000	44.449	11.1	76	0.00
11 T	Tert butyl alcohol	250.000	251.239	-0.5	88	-0.02
12 CM	1,1-Dichloroethene	50.000	47.386	5.2#	80	-0.02
13 T	Acrolein	250.000	185.986	25.6#	73	-0.02
14 T	Allyl chloride	50.000	51.143	-2.3	92	0.00
15 T	Acrylonitrile	250.000	250.559	-0.2	87	-0.02
16 T	Acetone	250.000	301.809	-20.7#	97	-0.02
17 T	Carbon Disulfide	50.000	44.306	11.4	80	-0.02
18 T	Methyl Acetate	50.000	48.827	2.3	95	0.00
19 T	Methyl tert-butyl Ether	50.000	55.057	-10.1	96	0.00
20 T	Methylene Chloride	50.000	44.037	11.9	84	-0.02
21 T	trans-1,2-Dichloroethene	50.000	50.302	-0.6	85	0.00
22 T	Diisopropyl ether	50.000	52.262	-4.5	92	0.00
23 T	Vinyl Acetate	250.000	274.390	-9.8	97	-0.02
24 P	1,1-Dichloroethane	50.000	52.544	-5.1	94	0.00
25 T	2-Butanone	250.000	271.994	-8.8	94	0.00
26 T	2,2-Dichloropropane	50.000	54.696	-9.4	97	-0.02
27 T	cis-1,2-Dichloroethene	50.000	51.008	-2.0	89	-0.02
28 T	Bromochloromethane	50.000	55.566	-11.1	96	-0.02
29	Tetrahydrofuran	250.000	250.205	-0.1	88	0.00
30 C	Chloroform	50.000	50.965	-1.9#	92	-0.02
31 T	Cyclohexane	50.000	49.728	0.5	85	0.00
32 T	1,1,1-Trichloroethane	50.000	50.628	-1.3	89	-0.02
33 S	1,2-Dichloroethane-d4	50.000	51.899	-3.8	81	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	-0.02
35 S	Dibromofluoromethane	50.000	52.012	-4.0	81	0.00
36 T	1,1-Dichloropropene	50.000	49.405	1.2	86	-0.02
37 T	Ethyl Acetate	50.000	50.465	-0.9	89	-0.02
38 T	Carbon Tetrachloride	50.000	54.942	-9.9	90	-0.02
39 T	Methylcyclohexane	50.000	48.629	2.7	81	0.00
40 TM	Benzene	50.000	49.658	0.7	85	0.00
41 T	Methacrylonitrile	50.000	52.463	-4.9	91	0.00
42 TM	1,2-Dichloroethane	50.000	48.121	3.8	83	-0.02
43 T	Isopropyl Acetate	50.000	53.376	-6.8	94	-0.02
44 TM	Trichloroethene	50.000	49.195	1.6	91	0.00
45 C	1,2-Dichloropropane	50.000	54.724	-9.4#	98	-0.02

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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	53.055	-6.1	91	0.00
47 T	Bromodichloromethane	50.000	55.303	-10.6	99	0.00
48 T	Methyl methacrylate	50.000	52.605	-5.2	93	0.00
49 T	1,4-Dioxane	1000.000	1022.614	-2.3	91	-0.02
50 S	Toluene-d8	50.000	55.871	-11.7	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	267.102	-6.8	99	0.00
52 CM	Toluene	50.000	51.172	-2.3#	94	-0.02
53 T	t-1,3-Dichloropropene	50.000	56.656	-13.3	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.000	-10.0	95	-0.02
55 T	1,1,2-Trichloroethane	50.000	53.593	-7.2	96	-0.02
56 T	Ethyl methacrylate	50.000	52.050	-4.1	89	-0.02
57 T	1,3-Dichloropropane	50.000	52.943	-5.9	93	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	292.258	-16.9	93	0.00
59 T	2-Hexanone	250.000	295.613	-18.2	98	0.00
60 T	Dibromochloromethane	50.000	53.687	-7.4	94	-0.02
61 T	1,2-Dibromoethane	50.000	52.234	-4.5	94	0.00
62 S	4-Bromofluorobenzene	50.000	49.284	1.4	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	51.740	-3.5	90	-0.02
65 PM	Chlorobenzene	50.000	52.903	-5.8	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.920	-7.8	94	-0.02
67 C	Ethyl Benzene	50.000	51.896	-3.8#	90	-0.02
68 T	m/p-Xylenes	100.000	101.057	-1.1	90	-0.02
69 T	o-Xylene	50.000	51.653	-3.3	90	0.00
70 T	Styrene	50.000	47.256	5.5	84	0.00
71 P	Bromoform	50.000	55.390	-10.8	94	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	47.465	5.1	82	0.00
74 T	N-amyl acetate	50.000	51.986	-4.0	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.824	-11.6	98	0.00
76 T	1,2,3-Trichloropropane	50.000	50.955	-1.9	90	0.00
77 T	Bromobenzene	50.000	52.747	-5.5	95	0.00
78 T	n-propylbenzene	50.000	49.961	0.1	90	-0.02
79 T	2-Chlorotoluene	50.000	47.651	4.7	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	43.791	12.4	77	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	51.907	-3.8	91	0.00
82 T	4-Chlorotoluene	50.000	45.272	9.5	81	0.00
83 T	tert-Butylbenzene	50.000	54.388	-8.8	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.830	-5.7	92	-0.02
85 T	sec-Butylbenzene	50.000	51.000	-2.0	96	0.00
86 T	p-Isopropyltoluene	50.000	52.711	-5.4	91	0.00
87 T	1,3-Dichlorobenzene	50.000	49.233	1.5	89	0.00
88 T	1,4-Dichlorobenzene	50.000	49.429	1.1	89	0.00
89 T	n-Butylbenzene	50.000	49.337	1.3	91	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.830	-13.7	102	0.00
91 T	1,2-Dichlorobenzene	50.000	50.763	-1.5	93	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.343	-0.7	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.649	-13.3	97	0.00
94 T	Hexachlorobutadiene	50.000	50.955	-1.9	89	0.00
95 T	Naphthalene	50.000	49.219	1.6	89	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.141	-4.3	95	0.00

(#) = Out of Range

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