

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD120919\
 Data File : VD064480.D
 Acq On : 09 Dec 2019 19:42
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 10 03:05:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	49.205	1.6	85	0.00
3 P	Chloromethane	50.000	51.069	-2.1	88	0.00
4 C	Vinyl Chloride	50.000	52.494	-5.0#	87	0.00
5 T	Bromomethane	50.000	50.816	-1.6	89	0.00
6 T	Chloroethane	50.000	53.967	-7.9	90	0.00
7 T	Trichlorofluoromethane	50.000	53.972	-7.9	90	0.00
8 T	Diethyl Ether	50.000	56.248	-12.5	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.980	-4.0	87	0.00
10 T	Methyl Iodide	50.000	58.273	-16.5	85	0.00
11 T	Tert butyl alcohol	250.000	265.547	-6.2	85	0.00
12 CM	1,1-Dichloroethene	50.000	52.845	-5.7#	88	0.00
13 T	Acrolein	250.000	253.620	-1.4	88	0.00
14 T	Allyl chloride	50.000	54.613	-9.2	90	0.00
15 T	Acrylonitrile	250.000	278.110	-11.2	93	0.00
16 T	Acetone	250.000	261.206	-4.5	81	0.00
17 T	Carbon Disulfide	50.000	52.597	-5.2	86	0.00
18 T	Methyl Acetate	50.000	55.648	-11.3	95	0.00
19 T	Methyl tert-butyl Ether	50.000	55.802	-11.6	90	0.00
20 T	Methylene Chloride	50.000	61.971	-23.9#	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.123	-10.2	91	0.00
22 T	Diisopropyl ether	50.000	56.625	-13.3	92	0.00
23 T	Vinyl Acetate	250.000	281.385	-12.6	89	0.00
24 P	1,1-Dichloroethane	50.000	55.722	-11.4	91	0.00
25 T	2-Butanone	250.000	267.951	-7.2	86	0.00
26 T	2,2-Dichloropropane	50.000	54.325	-8.7	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.999	-12.0	92	0.00
28 T	Bromochloromethane	50.000	58.409	-16.8	90	0.00
29 T	Tetrahydrofuran	250.000	281.183	-12.5	94	0.00
30 C	Chloroform	50.000	56.398	-12.8#	92	0.00
31 T	Cyclohexane	50.000	56.508	-13.0	87	0.00
32 T	1,1,1-Trichloroethane	50.000	54.717	-9.4	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.618	-9.2	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	51.869	-3.7	89	0.00
36 T	1,1-Dichloropropene	50.000	51.855	-3.7	91	0.00
37 T	Ethyl Acetate	50.000	53.045	-6.1	90	0.00
38 T	Carbon Tetrachloride	50.000	52.883	-5.8	89	0.00
39 T	Methylcyclohexane	50.000	50.300	-0.6	85	0.00
40 TM	Benzene	50.000	53.838	-7.7	91	0.00
41 T	Methacrylonitrile	50.000	50.975	-2.0	76	0.00
42 TM	1,2-Dichloroethane	50.000	53.678	-7.4	92	0.00
43 T	Isopropyl Acetate	50.000	52.926	-5.9	88	0.00
44 TM	Trichloroethene	50.000	51.961	-3.9	91	0.00
45 C	1,2-Dichloropropane	50.000	55.424	-10.8#	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.663	-9.3	92	0.00
47 T	Bromodichloromethane	50.000	55.157	-10.3	92	0.00
48 T	Methyl methacrylate	50.000	54.074	-8.1	91	0.00
49 T	1,4-Dioxane	1000.000	1082.123	-8.2	96	0.00
50 S	Toluene-d8	50.000	50.609	-1.2	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	267.506	-7.0	90	0.00
52 CM	Toluene	50.000	53.138	-6.3#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	55.122	-10.2	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.160	-10.3	92	0.00
55 T	1,1,2-Trichloroethane	50.000	54.135	-8.3	93	0.00
56 T	Ethyl methacrylate	50.000	54.705	-9.4	91	0.00
57 T	1,3-Dichloropropane	50.000	54.861	-9.7	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.931	0.0	90	0.00
59 T	2-Hexanone	250.000	261.853	-4.7	88	0.00
60 T	Dibromochloromethane	50.000	54.471	-8.9	92	0.00
61 T	1,2-Dibromoethane	50.000	52.293	-4.6	89	0.00
62 S	4-Bromofluorobenzene	50.000	51.332	-2.7	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	52.660	-5.3	93	0.00
65 PM	Chlorobenzene	50.000	51.332	-2.7	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.931	-5.9	93	0.00
67 C	Ethyl Benzene	50.000	50.784	-1.6#	91	0.00
68 T	m/p-Xylenes	100.000	103.497	-3.5	91	0.00
69 T	o-Xylene	50.000	52.202	-4.4	92	0.00
70 T	Styrene	50.000	52.565	-5.1	93	0.00
71 P	Bromoform	50.000	51.895	-3.8	93	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	50.255	-0.5	91	0.00
74 T	N-amyl acetate	50.000	50.477	-1.0	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.127	-0.3	90	0.00
76 T	1,2,3-Trichloropropane	50.000	54.004	-8.0	103	0.00
77 T	Bromobenzene	50.000	51.339	-2.7	92	0.00
78 T	n-propylbenzene	50.000	50.201	-0.4	91	0.00
79 T	2-Chlorotoluene	50.000	51.216	-2.4	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.676	-1.4	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.220	-0.4	90	0.00
82 T	4-Chlorotoluene	50.000	50.400	-0.8	92	0.00
83 T	tert-Butylbenzene	50.000	50.685	-1.4	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.407	-0.8	92	0.00
85 T	sec-Butylbenzene	50.000	49.746	0.5	90	0.00
86 T	p-Isopropyltoluene	50.000	50.455	-0.9	91	0.00
87 T	1,3-Dichlorobenzene	50.000	50.869	-1.7	93	0.00
88 T	1,4-Dichlorobenzene	50.000	51.175	-2.3	93	0.00
89 T	n-Butylbenzene	50.000	50.540	-1.1	91	0.00

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90 T	Hexachloroethane	50.000	51.167	-2.3	93	0.00
91 T	1,2-Dichlorobenzene	50.000	50.959	-1.9	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.412	-4.8	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.374	-0.7	92	0.00
94 T	Hexachlorobutadiene	50.000	49.709	0.6	89	0.00
95 T	Naphthalene	50.000	49.904	0.2	90	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.904	-1.8	91	0.00

(#) = Out of Range

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