

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123119\
 Data File : VD064706.D
 Acq On : 31 Dec 2019 20:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 01 02:39:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	57.345	-14.7	104	0.00
3 P	Chloromethane	50.000	60.318	-20.6#	111	0.00
4 C	Vinyl Chloride	50.000	48.519	3.0#	91	0.00
5 T	Bromomethane	50.000	48.568	2.9	93	0.00
6 T	Chloroethane	50.000	52.085	-4.2	93	0.00
7 T	Trichlorofluoromethane	50.000	46.501	7.0	85	0.00
8 T	Diethyl Ether	50.000	59.772	-19.5	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.162	1.7	89	0.00
10 T	Methyl Iodide	50.000	56.868	-13.7	94	0.00
11 T	Tert butyl alcohol	250.000	303.487	-21.4#	103	0.00
12 CM	1,1-Dichloroethene	50.000	51.209	-2.4#	93	0.00
13 T	Acrolein	250.000	215.889	13.6	76	0.00
14 T	Allyl chloride	50.000	54.662	-9.3	99	0.00
15 T	Acrylonitrile	250.000	287.419	-15.0	103	0.00
16 T	Acetone	250.000	238.639	4.5	89	0.00
17 T	Carbon Disulfide	50.000	48.978	2.0	90	0.00
18 T	Methyl Acetate	50.000	58.575	-17.2	108	0.00
19 T	Methyl tert-butyl Ether	50.000	59.922	-19.8	106	0.00
20 T	Methylene Chloride	50.000	61.384	-22.8#	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.046	-6.1	98	0.00
22 T	Diisopropyl ether	50.000	57.751	-15.5	104	0.00
23 T	Vinyl Acetate	250.000	292.041	-16.8	101	0.00
24 P	1,1-Dichloroethane	50.000	56.276	-12.6	102	0.00
25 T	2-Butanone	250.000	280.727	-12.3	99	0.00
26 T	2,2-Dichloropropane	50.000	47.872	4.3	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.761	-11.5	101	0.00
28 T	Bromochloromethane	50.000	61.938	-23.9#	105	0.00
29 T	Tetrahydrofuran	250.000	290.899	-16.4	103	0.00
30 C	Chloroform	50.000	56.777	-13.6#	104	0.00
31 T	Cyclohexane	50.000	45.513	9.0	87	0.00
32 T	1,1,1-Trichloroethane	50.000	52.694	-5.4	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.332	-8.7	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	49.734	0.5	94	0.00
36 T	1,1-Dichloropropene	50.000	46.338	7.3	91	0.00
37 T	Ethyl Acetate	50.000	50.907	-1.8	96	0.00
38 T	Carbon Tetrachloride	50.000	47.611	4.8	92	0.00
39 T	Methylcyclohexane	50.000	45.005	10.0	87	0.00
40 TM	Benzene	50.000	50.839	-1.7	100	0.00
41 T	Methacrylonitrile	50.000	60.661	-21.3#	108	0.00
42 TM	1,2-Dichloroethane	50.000	53.936	-7.9	106	0.00
43 T	Isopropyl Acetate	50.000	52.982	-6.0	101	0.00
44 TM	Trichloroethene	50.000	49.987	0.0	98	0.00
45 C	1,2-Dichloropropane	50.000	52.969	-5.9#	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	52.853	-5.7	101	0.00
47 T	Bromodichloromethane	50.000	53.043	-6.1	103	0.00
48 T	Methyl methacrylate	50.000	53.175	-6.3	97	0.00
49 T	1,4-Dioxane	1000.000	1055.934	-5.6	104	0.00
50 S	Toluene-d8	50.000	48.692	2.6	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	270.836	-8.3	104	0.00
52 CM	Toluene	50.000	51.309	-2.6#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	54.114	-8.2	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.652	-7.3	103	0.00
55 T	1,1,2-Trichloroethane	50.000	54.393	-8.8	106	0.00
56 T	Ethyl methacrylate	50.000	55.672	-11.3	106	0.00
57 T	1,3-Dichloropropane	50.000	54.950	-9.9	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	244.477	2.2	100	0.00
59 T	2-Hexanone	250.000	274.829	-9.9	102	0.00
60 T	Dibromochloromethane	50.000	54.626	-9.3	106	0.00
61 T	1,2-Dibromoethane	50.000	53.752	-7.5	104	0.00
62 S	4-Bromofluorobenzene	50.000	51.908	-3.8	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	48.216	3.6	100	0.00
65 PM	Chlorobenzene	50.000	51.148	-2.3	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.645	-5.3	107	0.00
67 C	Ethyl Benzene	50.000	50.599	-1.2#	102	0.00
68 T	m/p-Xylenes	100.000	100.038	-0.0	100	0.00
69 T	o-Xylene	50.000	53.150	-6.3	107	0.00
70 T	Styrene	50.000	53.030	-6.1	107	0.00
71 P	Bromoform	50.000	54.416	-8.8	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	49.808	0.4	100	0.00
74 T	N-amyl acetate	50.000	56.180	-12.4	111	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.067	-6.1	108	0.00
76 T	1,2,3-Trichloropropane	50.000	58.522	-17.0	139	0.00
77 T	Bromobenzene	50.000	51.649	-3.3	106	0.00
78 T	n-propylbenzene	50.000	50.361	-0.7	102	0.00
79 T	2-Chlorotoluene	50.000	50.902	-1.8	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.862	-3.7	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.670	0.7	102	0.00
82 T	4-Chlorotoluene	50.000	51.101	-2.2	105	0.00
83 T	tert-Butylbenzene	50.000	50.408	-0.8	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.035	-4.1	105	0.00
85 T	sec-Butylbenzene	50.000	49.637	0.7	100	0.00
86 T	p-Isopropyltoluene	50.000	50.370	-0.7	101	0.00
87 T	1,3-Dichlorobenzene	50.000	51.358	-2.7	106	0.00
88 T	1,4-Dichlorobenzene	50.000	51.952	-3.9	106	0.00
89 T	n-Butylbenzene	50.000	49.833	0.3	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	49.620	0.8	101	0.00
91 T	1,2-Dichlorobenzene	50.000	53.047	-6.1	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.114	-6.2	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.073	-4.1	105	0.00
94 T	Hexachlorobutadiene	50.000	46.841	6.3	96	0.00
95 T	Naphthalene	50.000	61.070	-22.1#	120	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.609	-5.2	106	0.00

(#) = Out of Range

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