

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063523.D
 Acq On : 13 Aug 2019 13:10
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 14 08:26:42 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	113	-0.01
2 T	Dichlorodifluoromethane	50.000	48.249	3.5	110	0.00
3 P	Chloromethane	50.000	50.172	-0.3	120	0.00
4 C	Vinyl Chloride	50.000	51.851	-3.7#	114	0.00
5 T	Bromomethane	50.000	48.228	3.5	101	0.00
6 T	Chloroethane	50.000	51.761	-3.5	113	0.00
7 T	Trichlorofluoromethane	50.000	50.233	-0.5	109	0.00
8 T	Diethyl Ether	50.000	49.599	0.8	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.682	-3.4	115	0.00
10 T	Methyl Iodide	50.000	49.421	1.2	106	0.00
11 T	Tert butyl alcohol	250.000	280.592	-12.2	123	0.00
12 CM	1,1-Dichloroethene	50.000	48.841	2.3#	103	0.00
13 T	Acrolein	250.000	223.311	10.7	110	0.00
14 T	Allyl chloride	50.000	53.129	-6.3	120	0.00
15 T	Acrylonitrile	250.000	258.535	-3.4	113	0.00
16 T	Acetone	250.000	296.538	-18.6	119	0.00
17 T	Carbon Disulfide	50.000	51.867	-3.7	117	0.00
18 T	Methyl Acetate	50.000	46.944	6.1	115	0.00
19 T	Methyl tert-butyl Ether	50.000	54.320	-8.6	119	0.00
20 T	Methylene Chloride	50.000	46.543	6.9	111	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.624	-5.2	112	0.00
22 T	Diisopropyl ether	50.000	51.856	-3.7	115	0.00
23 T	Vinyl Acetate	250.000	270.735	-8.3	120	0.00
24 P	1,1-Dichloroethane	50.000	49.868	0.3	111	0.00
25 T	2-Butanone	250.000	275.697	-10.3	120	0.00
26 T	2,2-Dichloropropane	50.000	53.219	-6.4	119	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.303	-2.6	113	0.00
28 T	Bromochloromethane	50.000	52.474	-4.9	114	0.00
29	Tetrahydrofuran	250.000	265.433	-6.2	117	0.00
30 C	Chloroform	50.000	48.000	4.0#	108	0.00
31 T	Cyclohexane	50.000	54.669	-9.3	117	0.00
32 T	1,1,1-Trichloroethane	50.000	50.989	-2.0	112	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.437	1.1	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	119	-0.01
35 S	Dibromofluoromethane	50.000	48.662	2.7	98	0.00
36 T	1,1-Dichloropropene	50.000	51.673	-3.3	116	0.00
37 T	Ethyl Acetate	50.000	49.461	1.1	113	-0.01
38 T	Carbon Tetrachloride	50.000	55.571	-11.1	117	0.00
39 T	Methylcyclohexane	50.000	48.169	3.7	104	0.00
40 TM	Benzene	50.000	48.722	2.6	108	0.00
41 T	Methacrylonitrile	50.000	51.753	-3.5	115	0.00
42 TM	1,2-Dichloroethane	50.000	47.908	4.2	107	0.00
43 T	Isopropyl Acetate	50.000	52.373	-4.7	119	-0.01
44 TM	Trichloroethene	50.000	50.462	-0.9	120	0.00
45 C	1,2-Dichloropropane	50.000	51.171	-2.3#	118	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.291	-2.6	113	0.00
47 T	Bromodichloromethane	50.000	50.513	-1.0	117	0.00
48 T	Methyl methacrylate	50.000	52.465	-4.9	119	0.00
49 T	1,4-Dioxane	1000.000	987.993	1.2	114	-0.01
50 S	Toluene-d8	50.000	51.532	-3.1	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.236	-4.5	124	0.00
52 CM	Toluene	50.000	50.646	-1.3#	120	-0.01
53 T	t-1,3-Dichloropropene	50.000	51.275	-2.5	115	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.760	-5.5	117	-0.01
55 T	1,1,2-Trichloroethane	50.000	47.858	4.3	111	-0.01
56 T	Ethyl methacrylate	50.000	52.282	-4.6	115	-0.01
57 T	1,3-Dichloropropane	50.000	52.623	-5.2	120	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	257.459	-3.0	106	0.00
59 T	2-Hexanone	250.000	265.963	-6.4	113	0.00
60 T	Dibromochloromethane	50.000	50.003	-0.0	112	-0.01
61 T	1,2-Dibromoethane	50.000	48.430	3.1	112	0.00
62 S	4-Bromofluorobenzene	50.000	48.737	2.5	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	50.463	-0.9	109	-0.01
65 PM	Chlorobenzene	50.000	51.213	-2.4	111	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.339	-4.7	113	-0.01
67 C	Ethyl Benzene	50.000	53.143	-6.3#	114	-0.01
68 T	m/p-Xylenes	100.000	104.386	-4.4	115	-0.01
69 T	o-Xylene	50.000	49.777	0.4	107	0.00
70 T	Styrene	50.000	48.783	2.4	108	0.00
71 P	Bromoform	50.000	54.574	-9.1	115	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	54.721	-9.4	107	0.00
74 T	N-amyl acetate	50.000	57.331	-14.7	113	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.333	-12.7	112	0.00
76 T	1,2,3-Trichloropropane	50.000	53.282	-6.6	106	0.00
77 T	Bromobenzene	50.000	54.602	-9.2	112	0.00
78 T	n-propylbenzene	50.000	53.624	-7.2	110	-0.01
79 T	2-Chlorotoluene	50.000	54.593	-9.2	113	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.742	-3.5	104	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	58.638	-17.3	117	0.00
82 T	4-Chlorotoluene	50.000	52.996	-6.0	108	0.00
83 T	tert-Butylbenzene	50.000	54.595	-9.2	110	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	55.844	-11.7	110	-0.01
85 T	sec-Butylbenzene	50.000	57.083	-14.2	121	0.00
86 T	p-Isopropyltoluene	50.000	54.732	-9.5	107	0.00
87 T	1,3-Dichlorobenzene	50.000	54.628	-9.3	112	0.00
88 T	1,4-Dichlorobenzene	50.000	54.575	-9.2	111	0.00
89 T	n-Butylbenzene	50.000	55.058	-10.1	116	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.359	-12.7	115	0.00
91 T	1,2-Dichlorobenzene	50.000	52.721	-5.4	109	-0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.515	-11.0	115	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	52.659	-5.3	102	0.00
94 T	Hexachlorobutadiene	50.000	56.161	-12.3	111	0.00
95 T	Naphthalene	50.000	53.949	-7.9	110	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.487	-5.0	108	0.00

(#) = Out of Range

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