

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD062119\
 Data File : VD062829.D
 Acq On : 21 Jun 2019 21:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 22 05:16:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 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	79	0.00
2 T	Dichlorodifluoromethane	50.000	54.964	-9.9	88	-0.01
3 P	Chloromethane	50.000	56.085	-12.2	93	0.00
4 C	Vinyl Chloride	50.000	55.282	-10.6#	86	0.00
5 T	Bromomethane	50.000	57.998	-16.0	80	-0.01
6 T	Chloroethane	50.000	57.109	-14.2	85	0.00
7 T	Trichlorofluoromethane	50.000	58.350	-16.7	91	0.00
8 T	Diethyl Ether	50.000	62.079	-24.2#	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	59.814	-19.6	96	0.00
10 T	Methyl Iodide	50.000	58.664	-17.3	88	-0.01
11 T	Tert butyl alcohol	250.000	339.848	-35.9#	114	0.00
12 CM	1,1-Dichloroethene	50.000	59.064	-18.1#	94	-0.01
13 T	Acrolein	250.000	332.605	-33.0#	112	0.00
14 T	Allyl chloride	50.000	64.507	-29.0#	98	0.00
15 T	Acrylonitrile	250.000	345.113	-38.0#	107	0.00
16 T	Acetone	250.000	334.526	-33.8#	105	-0.01
17 T	Carbon Disulfide	50.000	56.475	-13.0	88	0.00
18 T	Methyl Acetate	50.000	73.680	-47.4#	120	0.00
19 T	Methyl tert-butyl Ether	50.000	70.675	-41.3#	104	0.00
20 T	Methylene Chloride	50.000	62.121	-24.2#	100	-0.01
21 T	trans-1,2-Dichloroethene	50.000	64.866	-29.7#	101	-0.01
22 T	Diisopropyl ether	50.000	66.495	-33.0#	104	0.00
23 T	Vinyl Acetate	250.000	330.563	-32.2#	101	0.00
24 P	1,1-Dichloroethane	50.000	61.812	-23.6#	95	0.00
25 T	2-Butanone	250.000	368.924	-47.6#	114	0.00
26 T	2,2-Dichloropropane	50.000	57.567	-15.1	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	66.132	-32.3#	103	0.00
28 T	Bromochloromethane	50.000	62.482	-25.0#	99	0.00
29	Tetrahydrofuran	250.000	343.632	-37.5#	109	0.00
30 C	Chloroform	50.000	63.081	-26.2#	97	0.00
31 T	Cyclohexane	50.000	57.679	-15.4	90	0.00
32 T	1,1,1-Trichloroethane	50.000	58.668	-17.3	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	64.079	-28.2#	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35 S	Dibromofluoromethane	50.000	59.995	-20.0	109	0.00
36 T	1,1-Dichloropropene	50.000	60.382	-20.8#	97	0.00
37 T	Ethyl Acetate	50.000	65.089	-30.2#	108	0.00
38 T	Carbon Tetrachloride	50.000	57.543	-15.1	94	0.00
39 T	Methylcyclohexane	50.000	53.766	-7.5	87	0.00
40 TM	Benzene	50.000	61.233	-22.5#	99	0.00
41 T	Methacrylonitrile	50.000	63.428	-26.9#	105	0.00
42 TM	1,2-Dichloroethane	50.000	61.640	-23.3#	98	0.00
43 T	Isopropyl Acetate	50.000	68.722	-37.4#	108	0.00
44 TM	Trichloroethene	50.000	61.525	-23.0#	98	0.00
45 C	1,2-Dichloropropane	50.000	63.163	-26.3#	105	0.00

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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	62.949	-25.9#	104	0.00
47 T	Bromodichloromethane	50.000	62.541	-25.1#	96	0.00
48 T	Methyl methacrylate	50.000	62.269	-24.5#	106	0.00
49 T	1,4-Dioxane	1000.000	1383.895	-38.4#	114	0.00
50 S	Toluene-d8	50.000	62.870	-25.7#	106	0.00
51 T	4-Methyl-2-Pentanone	250.000	339.000	-35.6#	114	0.00
52 CM	Toluene	50.000	60.863	-21.7#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	65.980	-32.0#	108	0.00
54 T	cis-1,3-Dichloropropene	50.000	62.193	-24.4#	100	0.00
55 T	1,1,2-Trichloroethane	50.000	64.643	-29.3#	111	0.00
56 T	Ethyl methacrylate	50.000	60.443	-20.9#	97	0.00
57 T	1,3-Dichloropropane	50.000	67.346	-34.7#	109	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	332.477	-33.0#	112	0.00
59 T	2-Hexanone	250.000	337.872	-35.1#	109	0.00
60 T	Dibromochloromethane	50.000	64.692	-29.4#	105	0.00
61 T	1,2-Dibromoethane	50.000	68.323	-36.6#	112	0.00
62 S	4-Bromofluorobenzene	50.000	62.281	-24.6#	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	67.713	-35.4#	108	0.00
65 PM	Chlorobenzene	50.000	61.892	-23.8#	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	64.018	-28.0#	98	0.00
67 C	Ethyl Benzene	50.000	63.630	-27.3#	101	0.00
68 T	m/p-Xylenes	100.000	132.343	-32.3#	100	0.00
69 T	o-Xylene	50.000	68.358	-36.7#	100	0.00
70 T	Styrene	50.000	63.929	-27.9#	96	0.00
71 P	Bromoform	50.000	71.029	-42.1#	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	54.428	-8.9	89	0.00
74 T	N-amyl acetate	50.000	70.716	-41.4#	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	67.100	-34.2#	115	0.00
76 T	1,2,3-Trichloropropane	50.000	65.703	-31.4#	107	0.00
77 T	Bromobenzene	50.000	59.256	-18.5	93	0.00
78 T	n-propylbenzene	50.000	58.174	-16.3	99	0.00
79 T	2-Chlorotoluene	50.000	61.277	-22.6#	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	59.813	-19.6	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	63.104	-26.2#	103	0.00
82 T	4-Chlorotoluene	50.000	58.043	-16.1	98	0.00
83 T	tert-Butylbenzene	50.000	58.218	-16.4	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	58.905	-17.8	94	0.00
85 T	sec-Butylbenzene	50.000	56.214	-12.4	94	0.00
86 T	p-Isopropyltoluene	50.000	59.519	-19.0	93	0.00
87 T	1,3-Dichlorobenzene	50.000	60.204	-20.4#	98	0.00
88 T	1,4-Dichlorobenzene	50.000	56.305	-12.6	92	0.00
89 T	n-Butylbenzene	50.000	52.034	-4.1	88	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	59.784	-19.6	93	0.00
91 T	1,2-Dichlorobenzene	50.000	56.274	-12.5	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	66.008	-32.0#	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	61.510	-23.0#	104	0.00
94 T	Hexachlorobutadiene	50.000	57.779	-15.6	95	0.00
95 T	Naphthalene	50.000	62.374	-24.7#	99	0.00
96 T	1,2,3-Trichlorobenzene	50.000	61.198	-22.4#	101	0.00

(#) = Out of Range

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