

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063014.D
 Acq On : 2 Jul 2019 20:39
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 03 01:37:28 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	46.257	7.5	81	0.00
3 P	Chloromethane	50.000	47.587	4.8	86	0.00
4 C	Vinyl Chloride	50.000	50.181	-0.4#	85	0.00
5 T	Bromomethane	50.000	50.989	-2.0	77	0.00
6 T	Chloroethane	50.000	56.007	-12.0	91	0.00
7 T	Trichlorofluoromethane	50.000	54.711	-9.4	93	0.00
8 T	Diethyl Ether	50.000	57.525	-15.0	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.514	-9.0	95	0.00
10 T	Methyl Iodide	50.000	55.517	-11.0	91	0.00
11 T	Tert butyl alcohol	250.000	298.910	-19.6	110	0.00
12 CM	1,1-Dichloroethene	50.000	53.569	-7.1#	93	0.00
13 T	Acrolein	250.000	184.095	26.4#	68	0.00
14 T	Allyl chloride	50.000	56.092	-12.2	93	0.00
15 T	Acrylonitrile	250.000	295.417	-18.2	100	0.00
16 T	Acetone	250.000	255.030	-2.0	88	0.00
17 T	Carbon Disulfide	50.000	49.787	0.4	84	0.00
18 T	Methyl Acetate	50.000	57.942	-15.9	103	0.00
19 T	Methyl tert-butyl Ether	50.000	58.347	-16.7	94	0.00
20 T	Methylene Chloride	50.000	56.934	-13.9	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.119	-10.2	94	0.00
22 T	Diisopropyl ether	50.000	59.685	-19.4	102	0.00
23 T	Vinyl Acetate	250.000	295.017	-18.0	99	0.00
24 P	1,1-Dichloroethane	50.000	58.877	-17.8	99	0.00
25 T	2-Butanone	250.000	298.752	-19.5	101	0.00
26 T	2,2-Dichloropropane	50.000	55.095	-10.2	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	59.702	-19.4	101	0.00
28 T	Bromochloromethane	50.000	54.200	-8.4	94	0.00
29	Tetrahydrofuran	250.000	304.419	-21.8#	106	0.00
30 C	Chloroform	50.000	59.243	-18.5#	100	0.00
31 T	Cyclohexane	50.000	53.393	-6.8	90	0.00
32 T	1,1,1-Trichloroethane	50.000	56.065	-12.1	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.299	-2.6	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	50.990	-2.0	95	0.00
36 T	1,1-Dichloropropene	50.000	56.808	-13.6	94	0.00
37 T	Ethyl Acetate	50.000	57.675	-15.3	99	0.00
38 T	Carbon Tetrachloride	50.000	58.324	-16.6	98	0.00
39 T	Methylcyclohexane	50.000	52.124	-4.2	87	0.00
40 TM	Benzene	50.000	59.759	-19.5	99	0.00
41 T	Methacrylonitrile	50.000	58.119	-16.2	99	0.00
42 TM	1,2-Dichloroethane	50.000	57.825	-15.7	95	0.00
43 T	Isopropyl Acetate	50.000	63.590	-27.2#	103	0.00
44 TM	Trichloroethene	50.000	59.457	-18.9	98	0.00
45 C	1,2-Dichloropropane	50.000	58.150	-16.3#	99	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	59.019	-18.0	101	0.00
47 T	Bromodichloromethane	50.000	62.242	-24.5#	99	0.00
48 T	Methyl methacrylate	50.000	58.791	-17.6	103	0.00
49 T	1,4-Dioxane	1000.000	1241.085	-24.1#	106	0.00
50 S	Toluene-d8	50.000	53.803	-7.6	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	304.454	-21.8#	105	0.00
52 CM	Toluene	50.000	57.432	-14.9#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	59.941	-19.9	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	60.119	-20.2#	99	0.00
55 T	1,1,2-Trichloroethane	50.000	61.085	-22.2#	108	0.00
56 T	Ethyl methacrylate	50.000	62.025	-24.0#	103	0.00
57 T	1,3-Dichloropropane	50.000	57.024	-14.0	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	304.917	-22.0#	106	0.00
59 T	2-Hexanone	250.000	298.189	-19.3	99	0.00
60 T	Dibromochloromethane	50.000	61.643	-23.3#	104	0.00
61 T	1,2-Dibromoethane	50.000	56.970	-13.9	96	0.00
62 S	4-Bromofluorobenzene	50.000	51.765	-3.5	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	57.641	-15.3	104	0.00
65 PM	Chlorobenzene	50.000	56.597	-13.2	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.577	-13.2	98	0.00
67 C	Ethyl Benzene	50.000	54.350	-8.7#	98	0.00
68 T	m/p-Xylenes	100.000	112.058	-12.1	96	0.00
69 T	o-Xylene	50.000	57.735	-15.5	96	0.00
70 T	Styrene	50.000	55.916	-11.8	96	0.00
71 P	Bromoform	50.000	60.378	-20.8#	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	55.572	-11.1	98	0.00
74 T	N-amyl acetate	50.000	59.283	-18.6	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	59.244	-18.5	109	0.00
76 T	1,2,3-Trichloropropane	50.000	61.727	-23.5#	108	0.00
77 T	Bromobenzene	50.000	60.175	-20.3#	102	0.00
78 T	n-propylbenzene	50.000	58.256	-16.5	107	0.00
79 T	2-Chlorotoluene	50.000	57.965	-15.9	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.858	-11.7	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	60.968	-21.9#	107	0.00
82 T	4-Chlorotoluene	50.000	55.813	-11.6	101	0.00
83 T	tert-Butylbenzene	50.000	56.451	-12.9	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.598	-9.2	94	0.00
85 T	sec-Butylbenzene	50.000	57.810	-15.6	105	0.00
86 T	p-Isopropyltoluene	50.000	54.908	-9.8	93	0.00
87 T	1,3-Dichlorobenzene	50.000	60.338	-20.7#	105	0.00
88 T	1,4-Dichlorobenzene	50.000	55.157	-10.3	97	0.00
89 T	n-Butylbenzene	50.000	58.674	-17.3	107	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	58.411	-16.8	98	0.00
91 T	1,2-Dichlorobenzene	50.000	62.620	-25.2#	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.897	-15.8	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	59.256	-18.5	108	0.00
94 T	Hexachlorobutadiene	50.000	58.698	-17.4	104	0.00
95 T	Naphthalene	50.000	60.318	-20.6#	103	0.00
96 T	1,2,3-Trichlorobenzene	50.000	60.293	-20.6#	108	0.00

(#) = Out of Range

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