

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062980.D
 Acq On : 1 Jul 2019 10:08
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 02 07:40:39 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	85	-0.02
2 T	Dichlorodifluoromethane	50.000	45.306	9.4	78	0.00
3 P	Chloromethane	50.000	42.079	15.8	75	0.00
4 C	Vinyl Chloride	50.000	46.135	7.7#	77	0.00
5 T	Bromomethane	50.000	46.325	7.3	69	-0.02
6 T	Chloroethane	50.000	54.443	-8.9	87	0.00
7 T	Trichlorofluoromethane	50.000	53.996	-8.0	90	0.00
8 T	Diethyl Ether	50.000	55.874	-11.7	84	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.286	-4.6	90	-0.02
10 T	Methyl Iodide	50.000	45.230	9.5	73	-0.02
11 T	Tert butyl alcohol	250.000	280.133	-12.1	101	-0.02
12 CM	1,1-Dichloroethene	50.000	50.381	-0.8#	86	-0.02
13 T	Acrolein	250.000	199.602	20.2#	72	0.00
14 T	Allyl chloride	50.000	49.026	1.9	80	-0.03
15 T	Acrylonitrile	250.000	244.429	2.2	81	-0.02
16 T	Acetone	250.000	274.886	-10.0	93	-0.02
17 T	Carbon Disulfide	50.000	42.995	14.0	71	-0.02
18 T	Methyl Acetate	50.000	48.986	2.0	85	-0.02
19 T	Methyl tert-butyl Ether	50.000	53.238	-6.5	84	-0.02
20 T	Methylene Chloride	50.000	46.080	7.8	80	-0.02
21 T	trans-1,2-Dichloroethene	50.000	45.749	8.5	77	-0.03
22 T	Diisopropyl ether	50.000	50.856	-1.7	85	-0.03
23 T	Vinyl Acetate	250.000	265.036	-6.0	87	-0.02
24 P	1,1-Dichloroethane	50.000	48.479	3.0	80	-0.03
25 T	2-Butanone	250.000	274.065	-9.6	91	-0.02
26 T	2,2-Dichloropropane	50.000	53.376	-6.8	87	-0.02
27 T	cis-1,2-Dichloroethene	50.000	46.733	6.5	78	-0.02
28 T	Bromochloromethane	50.000	44.148	11.7	75	-0.02
29	Tetrahydrofuran	250.000	253.419	-1.4	86	-0.03
30 C	Chloroform	50.000	53.858	-7.7#	89	-0.03
31 T	Cyclohexane	50.000	45.738	8.5	76	-0.02
32 T	1,1,1-Trichloroethane	50.000	52.229	-4.5	84	-0.02
33 S	1,2-Dichloroethane-d4	50.000	50.726	-1.5	91	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	83	-0.02
35 S	Dibromofluoromethane	50.000	47.251	5.5	85	-0.02
36 T	1,1-Dichloropropene	50.000	49.642	0.7	79	-0.02
37 T	Ethyl Acetate	50.000	46.556	6.9	77	-0.03
38 T	Carbon Tetrachloride	50.000	55.481	-11.0	90	-0.03
39 T	Methylcyclohexane	50.000	50.954	-1.9	82	-0.02
40 TM	Benzene	50.000	52.243	-4.5	84	-0.02
41 T	Methacrylonitrile	50.000	50.517	-1.0	83	0.00
42 TM	1,2-Dichloroethane	50.000	56.285	-12.6	89	-0.02
43 T	Isopropyl Acetate	50.000	51.716	-3.4	81	0.00
44 TM	Trichloroethene	50.000	54.297	-8.6	86	-0.02
45 C	1,2-Dichloropropane	50.000	47.466	5.1#	78	-0.02

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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	55.341	-10.7	91	-0.02
47 T	Bromodichloromethane	50.000	56.747	-13.5	87	-0.02
48 T	Methyl methacrylate	50.000	53.436	-6.9	91	-0.02
49 T	1,4-Dioxane	1000.000	1072.683	-7.3	88	-0.02
50 S	Toluene-d8	50.000	48.430	3.1	81	-0.02
51 T	4-Methyl-2-Pentanone	250.000	289.806	-15.9	97	-0.02
52 CM	Toluene	50.000	53.729	-7.5#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	58.383	-16.8	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.684	-11.4	89	0.00
55 T	1,1,2-Trichloroethane	50.000	52.618	-5.2	90	0.00
56 T	Ethyl methacrylate	50.000	52.528	-5.1	84	0.00
57 T	1,3-Dichloropropane	50.000	56.155	-12.3	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	254.053	-1.6	85	-0.02
59 T	2-Hexanone	250.000	315.839	-26.3#	101	0.00
60 T	Dibromochloromethane	50.000	58.987	-18.0	96	-0.02
61 T	1,2-Dibromoethane	50.000	55.567	-11.1	91	-0.02
62 S	4-Bromofluorobenzene	50.000	52.660	-5.3	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	48.353	3.3	85	0.00
65 PM	Chlorobenzene	50.000	48.885	2.2	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.226	1.5	84	0.00
67 C	Ethyl Benzene	50.000	47.368	5.3#	83	0.00
68 T	m/p-Xylenes	100.000	103.455	-3.5	87	0.00
69 T	o-Xylene	50.000	49.184	1.6	80	0.00
70 T	Styrene	50.000	51.182	-2.4	86	0.00
71 P	Bromoform	50.000	52.908	-5.8	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	46.908	6.2	86	0.00
74 T	N-amyl acetate	50.000	50.789	-1.6	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.511	-1.0	96	0.00
76 T	1,2,3-Trichloropropane	50.000	50.044	-0.1	90	0.00
77 T	Bromobenzene	50.000	49.007	2.0	86	0.00
78 T	n-propylbenzene	50.000	48.285	3.4	91	0.00
79 T	2-Chlorotoluene	50.000	51.687	-3.4	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.040	-2.1	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.967	0.1	91	0.00
82 T	4-Chlorotoluene	50.000	51.900	-3.8	97	0.00
83 T	tert-Butylbenzene	50.000	52.172	-4.3	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.401	-0.8	89	0.00
85 T	sec-Butylbenzene	50.000	50.061	-0.1	93	0.00
86 T	p-Isopropyltoluene	50.000	49.216	1.6	86	0.00
87 T	1,3-Dichlorobenzene	50.000	49.674	0.7	90	0.00
88 T	1,4-Dichlorobenzene	50.000	51.276	-2.6	93	0.00
89 T	n-Butylbenzene	50.000	50.748	-1.5	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.044	3.9	83	0.00
91 T	1,2-Dichlorobenzene	50.000	51.753	-3.5	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.806	-7.6	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.244	-0.5	94	0.00
94 T	Hexachlorobutadiene	50.000	49.972	0.1	91	0.00
95 T	Naphthalene	50.000	52.487	-5.0	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.296	-6.6	98	0.00

(#) = Out of Range

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