

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD031919\
 Data File : VD061177.D
 Acq On : 19 Mar 2019 11:14
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 19 11:40:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 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	-0.01
2 T	Dichlorodifluoromethane	50.000	46.031	7.9	85	-0.02
3 P	Chloromethane	50.000	41.631	16.7	81	-0.01
4 C	Vinyl Chloride	50.000	46.591	6.8#	84	-0.01
5 T	Bromomethane	50.000	60.832	-21.7#	103	-0.02
6 T	Chloroethane	50.000	54.855	-9.7	85	-0.01
7 T	Trichlorofluoromethane	50.000	49.969	0.1	85	-0.01
8 T	Diethyl Ether	50.000	53.011	-6.0	91	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.634	-3.3	102	-0.01
10 T	Methyl Iodide	50.000	51.679	-3.4	91	-0.02
11 T	Tert butyl alcohol	250.000	257.393	-3.0	85	-0.01
12 CM	1,1-Dichloroethene	50.000	49.255	1.5#	93	-0.01
13 T	Acrolein	250.000	188.007	24.8#	75	-0.02
14 T	Allyl chloride	50.000	46.486	7.0	83	-0.01
15 T	Acrylonitrile	250.000	244.613	2.2	92	-0.01
16 T	Acetone	250.000	279.635	-11.9	100	-0.01
17 T	Carbon Disulfide	50.000	46.167	7.7	85	-0.02
18 T	Methyl Acetate	50.000	53.230	-6.5	100	-0.02
19 T	Methyl tert-butyl Ether	50.000	51.716	-3.4	93	-0.02
20 T	Methylene Chloride	50.000	53.123	-6.2	91	-0.02
21 T	trans-1,2-Dichloroethene	50.000	47.794	4.4	87	-0.02
22 T	Diisopropyl ether	50.000	48.203	3.6	84	-0.01
23 T	Vinyl Acetate	250.000	251.539	-0.6	90	-0.01
24 P	1,1-Dichloroethane	50.000	52.507	-5.0	93	-0.02
25 T	2-Butanone	250.000	266.825	-6.7	91	-0.01
26 T	2,2-Dichloropropane	50.000	52.512	-5.0	95	-0.01
27 T	cis-1,2-Dichloroethene	50.000	50.315	-0.6	89	-0.02
28 T	Bromochloromethane	50.000	47.297	5.4	85	-0.02
29	Tetrahydrofuran	250.000	217.060	13.2	75	-0.02
30 C	Chloroform	50.000	53.617	-7.2#	103	-0.02
31 T	Cyclohexane	50.000	49.047	1.9	83	-0.01
32 T	1,1,1-Trichloroethane	50.000	51.045	-2.1	92	-0.02
33 S	1,2-Dichloroethane-d4	50.000	49.500	1.0	91	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	-0.01
35 S	Dibromofluoromethane	50.000	49.743	0.5	94	-0.01
36 T	1,1-Dichloropropene	50.000	45.534	8.9	90	-0.01
37 T	Ethyl Acetate	50.000	44.588	10.8	87	-0.01
38 T	Carbon Tetrachloride	50.000	54.428	-8.9	108	-0.01
39 T	Methylcyclohexane	50.000	47.823	4.4	88	0.00
40 TM	Benzene	50.000	47.300	5.4	86	-0.01
41 T	Methacrylonitrile	50.000	45.463	9.1	84	-0.01
42 TM	1,2-Dichloroethane	50.000	51.388	-2.8	93	-0.01
43 T	Isopropyl Acetate	50.000	47.567	4.9	86	0.00
44 TM	Trichloroethene	50.000	48.356	3.3	88	-0.01
45 C	1,2-Dichloropropane	50.000	43.745	12.5#	81	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.000	2.0	92	-0.01
47 T	Bromodichloromethane	50.000	50.518	-1.0	89	-0.01
48 T	Methyl methacrylate	50.000	44.043	11.9	80	0.00
49 T	1,4-Dioxane	1000.000	950.280	5.0	89	-0.01
50 S	Toluene-d8	50.000	46.668	6.7	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	234.756	6.1	88	0.00
52 CM	Toluene	50.000	41.016	18.0#	76	0.00
53 T	t-1,3-Dichloropropene	50.000	49.314	1.4	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.676	2.6	95	-0.01
55 T	1,1,2-Trichloroethane	50.000	49.027	1.9	93	-0.01
56 T	Ethyl methacrylate	50.000	48.112	3.8	90	-0.01
57 T	1,3-Dichloropropane	50.000	51.859	-3.7	100	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	211.707	15.3	84	0.00
59 T	2-Hexanone	250.000	233.574	6.6	86	0.00
60 T	Dibromochloromethane	50.000	49.534	0.9	89	-0.01
61 T	1,2-Dibromoethane	50.000	51.057	-2.1	92	0.00
62 S	4-Bromofluorobenzene	50.000	48.074	3.9	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	52.115	-4.2	86	0.00
65 PM	Chlorobenzene	50.000	54.838	-9.7	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.581	-11.2	91	0.00
67 C	Ethyl Benzene	50.000	49.718	0.6#	85	0.00
68 T	m/p-Xylenes	100.000	104.489	-4.5	88	-0.01
69 T	o-Xylene	50.000	50.541	-1.1	89	-0.01
70 T	Styrene	50.000	51.794	-3.6	91	0.00
71 P	Bromoform	50.000	56.087	-12.2	92	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	41.667	16.7	87	-0.01
74 T	N-amyl acetate	50.000	41.536	16.9	82	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	45.628	8.7	91	-0.01
76 T	1,2,3-Trichloropropane	50.000	47.543	4.9	93	0.00
77 T	Bromobenzene	50.000	50.818	-1.6	100	-0.01
78 T	n-propylbenzene	50.000	42.149	15.7	83	0.00
79 T	2-Chlorotoluene	50.000	48.096	3.8	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.816	6.4	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.111	3.8	91	-0.01
82 T	4-Chlorotoluene	50.000	42.594	14.8	83	0.00
83 T	tert-Butylbenzene	50.000	51.046	-2.1	92	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	46.816	6.4	88	0.00
85 T	sec-Butylbenzene	50.000	49.804	0.4	107	-0.01
86 T	p-Isopropyltoluene	50.000	48.196	3.6	93	0.00
87 T	1,3-Dichlorobenzene	50.000	46.807	6.4	93	-0.01
88 T	1,4-Dichlorobenzene	50.000	49.824	0.4	102	0.00
89 T	n-Butylbenzene	50.000	44.882	10.2	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.141	7.7	88	-0.01
91 T	1,2-Dichlorobenzene	50.000	48.189	3.6	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.346	5.3	90	-0.01
93 T	1,2,4-Trichlorobenzene	50.000	50.779	-1.6	95	-0.01
94 T	Hexachlorobutadiene	50.000	46.347	7.3	96	0.00
95 T	Naphthalene	50.000	52.064	-4.1	109	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.998	6.0	105	0.00

(#) = Out of Range

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