

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD053119\
 Data File : VD062578.D
 Acq On : 31 May 2019 21:46
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 01 00:26:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	45.567	8.9	91	0.01
3 P	Chloromethane	50.000	38.256	23.5#	73	0.01
4 C	Vinyl Chloride	50.000	48.537	2.9#	87	0.00
5 T	Bromomethane	50.000	84.758	-69.5#	120	0.00
6 T	Chloroethane	50.000	51.699	-3.4	84	0.00
7 T	Trichlorofluoromethane	50.000	53.978	-8.0	96	0.00
8 T	Diethyl Ether	50.000	53.280	-6.6	94	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.863	-1.7	92	0.00
10 T	Methyl Iodide	50.000	44.606	10.8	65	0.00
11 T	Tert butyl alcohol	250.000	243.809	2.5	88	0.00
12 CM	1,1-Dichloroethene	50.000	51.872	-3.7#	92	0.01
13 T	Acrolein	250.000	229.342	8.3	83	0.00
14 T	Allyl chloride	50.000	50.090	-0.2	85	0.01
15 T	Acrylonitrile	250.000	255.216	-2.1	90	0.00
16 T	Acetone	250.000	239.881	4.0	83	0.00
17 T	Carbon Disulfide	50.000	47.352	5.3	83	0.01
18 T	Methyl Acetate	50.000	48.999	2.0	102	0.00
19 T	Methyl tert-butyl Ether	50.000	51.883	-3.8	90	0.00
20 T	Methylene Chloride	50.000	46.091	7.8	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.104	-2.2	92	0.00
22 T	Diisopropyl ether	50.000	51.770	-3.5	89	0.00
23 T	Vinyl Acetate	250.000	254.384	-1.8	85	0.00
24 P	1,1-Dichloroethane	50.000	50.465	-0.9	87	0.00
25 T	2-Butanone	250.000	249.406	0.2	83	0.00
26 T	2,2-Dichloropropane	50.000	49.803	0.4	88	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.171	-2.3	88	0.00
28 T	Bromochloromethane	50.000	52.355	-4.7	97	0.00
29	Tetrahydrofuran	250.000	263.783	-5.5	86	0.00
30 C	Chloroform	50.000	52.427	-4.9#	89	0.00
31 T	Cyclohexane	50.000	50.023	-0.0	86	0.00
32 T	1,1,1-Trichloroethane	50.000	54.524	-9.0	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.576	-13.2	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	57.092	-14.2	90	0.00
36 T	1,1-Dichloropropene	50.000	55.758	-11.5	92	0.00
37 T	Ethyl Acetate	50.000	49.896	0.2	86	0.00
38 T	Carbon Tetrachloride	50.000	61.016	-22.0#	97	0.00
39 T	Methylcyclohexane	50.000	56.786	-13.6	96	0.00
40 TM	Benzene	50.000	55.683	-11.4	91	0.00
41 T	Methacrylonitrile	50.000	56.969	-13.9	93	0.00
42 TM	1,2-Dichloroethane	50.000	55.771	-11.5	87	0.00
43 T	Isopropyl Acetate	50.000	56.152	-12.3	86	0.00
44 TM	Trichloroethene	50.000	54.076	-8.2	90	0.00
45 C	1,2-Dichloropropane	50.000	53.699	-7.4#	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	57.030	-14.1	90	0.00
47 T	Bromodichloromethane	50.000	58.911	-17.8	94	0.00
48 T	Methyl methacrylate	50.000	61.389	-22.8#	95	0.00
49 T	1,4-Dioxane	1000.000	1184.929	-18.5	95	-0.02
50 S	Toluene-d8	50.000	53.978	-8.0	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.874	-11.9	89	0.00
52 CM	Toluene	50.000	55.310	-10.6#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	55.950	-11.9	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	55.875	-11.8	87	0.00
55 T	1,1,2-Trichloroethane	50.000	54.588	-9.2	89	0.00
56 T	Ethyl methacrylate	50.000	57.688	-15.4	99	0.00
57 T	1,3-Dichloropropane	50.000	60.399	-20.8#	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	269.916	-8.0	91	0.00
59 T	2-Hexanone	250.000	291.614	-16.6	90	0.00
60 T	Dibromochloromethane	50.000	57.318	-14.6	91	0.00
61 T	1,2-Dibromoethane	50.000	55.770	-11.5	89	0.00
62 S	4-Bromofluorobenzene	50.000	56.994	-14.0	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	52.009	-4.0	86	0.00
65 PM	Chlorobenzene	50.000	54.513	-9.0	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.361	-12.7	87	0.00
67 C	Ethyl Benzene	50.000	55.199	-10.4#	89	0.00
68 T	m/p-Xylenes	100.000	108.707	-8.7	92	0.00
69 T	o-Xylene	50.000	51.854	-3.7	85	0.00
70 T	Styrene	50.000	53.491	-7.0	89	0.00
71 P	Bromoform	50.000	57.403	-14.8	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73 T	Isopropylbenzene	50.000	53.958	-7.9	92	0.00
74 T	N-amyl acetate	50.000	58.935	-17.9	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	58.224	-16.4	92	0.00
76 T	1,2,3-Trichloropropane	50.000	56.559	-13.1	92	0.00
77 T	Bromobenzene	50.000	55.951	-11.9	88	0.00
78 T	n-propylbenzene	50.000	54.288	-8.6	93	0.00
79 T	2-Chlorotoluene	50.000	56.296	-12.6	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.755	-7.5	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.708	0.6	81	0.00
82 T	4-Chlorotoluene	50.000	57.522	-15.0	97	0.00
83 T	tert-Butylbenzene	50.000	50.881	-1.8	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.427	-2.9	92	0.00
85 T	sec-Butylbenzene	50.000	53.460	-6.9	90	0.00
86 T	p-Isopropyltoluene	50.000	58.171	-16.3	97	0.00
87 T	1,3-Dichlorobenzene	50.000	58.959	-17.9	97	0.00
88 T	1,4-Dichlorobenzene	50.000	52.159	-4.3	83	0.00
89 T	n-Butylbenzene	50.000	53.737	-7.5	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.633	-13.3	93	0.00
91 T	1,2-Dichlorobenzene	50.000	53.578	-7.2	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	62.005	-24.0#	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.723	-7.4	86	0.00
94 T	Hexachlorobutadiene	50.000	55.353	-10.7	88	0.00
95 T	Naphthalene	50.000	53.129	-6.3	83	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.020	-0.0	81	0.00

(#) = Out of Range

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