

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063698.D
 Acq On : 20 Aug 2019 22:19
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 21 03:53:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 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	82	-0.03
2 T	Dichlorodifluoromethane	50.000	45.518	9.0	75	-0.01
3 P	Chloromethane	50.000	47.700	4.6	83	-0.01
4 C	Vinyl Chloride	50.000	49.442	1.1#	79	-0.02
5 T	Bromomethane	50.000	49.436	1.1	75	-0.02
6 T	Chloroethane	50.000	45.803	8.4	72	-0.01
7 T	Trichlorofluoromethane	50.000	46.931	6.1	73	-0.02
8 T	Diethyl Ether	50.000	55.653	-11.3	90	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.198	7.6	75	-0.02
10 T	Methyl Iodide	50.000	49.114	1.8	76	-0.02
11 T	Tert butyl alcohol	250.000	287.279	-14.9	91	-0.02
12 CM	1,1-Dichloroethene	50.000	48.451	3.1#	74	-0.02
13 T	Acrolein	250.000	214.471	14.2	76	-0.02
14 T	Allyl chloride	50.000	51.241	-2.5	84	-0.02
15 T	Acrylonitrile	250.000	272.047	-8.8	86	-0.03
16 T	Acetone	250.000	233.460	6.6	68	-0.02
17 T	Carbon Disulfide	50.000	44.446	11.1	73	-0.02
18 T	Methyl Acetate	50.000	52.624	-5.2	93	-0.02
19 T	Methyl tert-butyl Ether	50.000	58.242	-16.5	92	-0.02
20 T	Methylene Chloride	50.000	46.903	6.2	81	-0.02
21 T	trans-1,2-Dichloroethene	50.000	51.232	-2.5	79	-0.02
22 T	Diisopropyl ether	50.000	54.418	-8.8	87	-0.02
23 T	Vinyl Acetate	250.000	288.226	-15.3	93	-0.03
24 P	1,1-Dichloroethane	50.000	53.311	-6.6	86	-0.03
25 T	2-Butanone	250.000	267.310	-6.9	84	-0.03
26 T	2,2-Dichloropropane	50.000	47.332	5.3	76	-0.03
27 T	cis-1,2-Dichloroethene	50.000	52.861	-5.7	84	-0.03
28 T	Bromochloromethane	50.000	53.102	-6.2	83	-0.03
29	Tetrahydrofuran	250.000	278.611	-11.4	89	-0.02
30 C	Chloroform	50.000	52.926	-5.9#	86	-0.02
31 T	Cyclohexane	50.000	46.976	6.0	72	-0.02
32 T	1,1,1-Trichloroethane	50.000	53.036	-6.1	84	-0.02
33 S	1,2-Dichloroethane-d4	50.000	56.335	-12.7	80	-0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	-0.02
35 S	Dibromofluoromethane	50.000	56.570	-13.1	78	-0.02
36 T	1,1-Dichloropropene	50.000	50.002	-0.0	76	-0.03
37 T	Ethyl Acetate	50.000	59.028	-18.1	92	-0.03
38 T	Carbon Tetrachloride	50.000	55.857	-11.7	80	-0.03
39 T	Methylcyclohexane	50.000	52.883	-5.8	77	-0.02
40 TM	Benzene	50.000	53.449	-6.9	81	-0.02
41 T	Methacrylonitrile	50.000	58.536	-17.1	89	-0.02
42 TM	1,2-Dichloroethane	50.000	56.709	-13.4	86	-0.03
43 T	Isopropyl Acetate	50.000	58.016	-16.0	90	-0.03
44 TM	Trichloroethene	50.000	54.316	-8.6	88	-0.02
45 C	1,2-Dichloropropane	50.000	59.620	-19.2#	94	-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	56.888	-13.8	86	-0.02
47 T	Bromodichloromethane	50.000	58.451	-16.9	92	-0.02
48 T	Methyl methacrylate	50.000	57.645	-15.3	89	-0.02
49 T	1,4-Dioxane	1000.000	1085.825	-8.6	85	-0.03
50 S	Toluene-d8	50.000	53.869	-7.7	72	-0.02
51 T	4-Methyl-2-Pentanone	250.000	291.190	-16.5	94	-0.02
52 CM	Toluene	50.000	53.232	-6.5#	86	-0.03
53 T	t-1,3-Dichloropropene	50.000	57.466	-14.9	88	-0.02
54 T	cis-1,3-Dichloropropene	50.000	56.048	-12.1	85	-0.02
55 T	1,1,2-Trichloroethane	50.000	54.543	-9.1	86	-0.02
56 T	Ethyl methacrylate	50.000	59.839	-19.7	90	-0.03
57 T	1,3-Dichloropropane	50.000	57.342	-14.7	89	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	318.154	-27.3#	89	-0.02
59 T	2-Hexanone	250.000	301.457	-20.6#	88	-0.02
60 T	Dibromochloromethane	50.000	60.372	-20.7#	92	-0.02
61 T	1,2-Dibromoethane	50.000	56.853	-13.7	90	-0.02
62 S	4-Bromofluorobenzene	50.000	53.461	-6.9	79	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	-0.02
64 T	Tetrachloroethene	50.000	50.052	-0.1	78	-0.02
65 PM	Chlorobenzene	50.000	52.233	-4.5	82	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	55.178	-10.4	86	-0.02
67 C	Ethyl Benzene	50.000	52.656	-5.3#	82	-0.02
68 T	m/p-Xylenes	100.000	106.785	-6.8	85	-0.02
69 T	o-Xylene	50.000	54.950	-9.9	86	-0.01
70 T	Styrene	50.000	52.958	-5.9	85	-0.01
71 P	Bromoform	50.000	58.675	-17.3	90	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	-0.01
73 T	Isopropylbenzene	50.000	52.919	-5.8	78	-0.01
74 T	N-amyl acetate	50.000	58.577	-17.2	87	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	60.588	-21.2#	91	-0.01
76 T	1,2,3-Trichloropropane	50.000	57.799	-15.6	87	-0.01
77 T	Bromobenzene	50.000	57.289	-14.6	89	-0.01
78 T	n-propylbenzene	50.000	54.154	-8.3	84	-0.02
79 T	2-Chlorotoluene	50.000	53.735	-7.5	84	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	52.764	-5.5	80	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	55.940	-11.9	84	-0.01
82 T	4-Chlorotoluene	50.000	55.031	-10.1	85	-0.01
83 T	tert-Butylbenzene	50.000	54.914	-9.8	84	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	58.870	-17.7	88	-0.02
85 T	sec-Butylbenzene	50.000	57.877	-15.8	93	-0.01
86 T	p-Isopropyltoluene	50.000	47.026	5.9	70	-0.01
87 T	1,3-Dichlorobenzene	50.000	56.096	-12.2	87	-0.01
88 T	1,4-Dichlorobenzene	50.000	54.338	-8.7	84	-0.01
89 T	n-Butylbenzene	50.000	55.481	-11.0	88	-0.02

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	60.253	-20.5#	93	-0.01
91 T	1,2-Dichlorobenzene	50.000	57.669	-15.3	90	-0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.878	-17.8	92	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	57.032	-14.1	83	-0.01
94 T	Hexachlorobutadiene	50.000	55.323	-10.6	83	-0.01
95 T	Naphthalene	50.000	56.412	-12.8	87	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	60.404	-20.8#	94	-0.01

(#) = Out of Range

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