

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD020119\
 Data File : VD060831.D
 Acq On : 1 Feb 2019 20:51
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 02 02:19:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 13:53:55 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	67	-0.03
2 T	Dichlorodifluoromethane	50.000	72.941	-45.9#	92	0.00
3 P	Chloromethane	50.000	59.384	-18.8	82	-0.02
4 C	Vinyl Chloride	50.000	59.756	-19.5#	75	0.00
5 T	Bromomethane	50.000	67.212	-34.4#	82	0.00
6 T	Chloroethane	50.000	84.346	-68.7#	91	-0.02
7 T	Trichlorofluoromethane	50.000	79.447	-58.9#	98	-0.02
8 T	Diethyl Ether	50.000	66.220	-32.4#	83	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	74.668	-49.3#	97	-0.02
10 T	Methyl Iodide	50.000	70.861	-41.7#	83	-0.02
11 T	Tert butyl alcohol	250.000	337.521	-35.0#	85	-0.03
12 CM	1,1-Dichloroethene	50.000	72.415	-44.8#	93	-0.02
13 T	Acrolein	250.000	288.662	-15.5	75	-0.02
14 T	Allyl chloride	50.000	70.765	-41.5#	93	-0.02
15 T	Acrylonitrile	250.000	292.052	-16.8	73	-0.02
16 T	Acetone	250.000	350.367	-40.1#	89	-0.02
17 T	Carbon Disulfide	50.000	65.243	-30.5#	86	-0.02
18 T	Methyl Acetate	50.000	77.271	-54.5#	94	-0.02
19 T	Methyl tert-butyl Ether	50.000	66.546	-33.1#	80	-0.03
20 T	Methylene Chloride	50.000	51.118	-2.2	64	-0.03
21 T	trans-1,2-Dichloroethene	50.000	56.264	-12.5	72	-0.03
22 T	Diisopropyl ether	50.000	57.347	-14.7	74	-0.02
23 T	Vinyl Acetate	250.000	313.878	-25.6#	80	-0.04
24 P	1,1-Dichloroethane	50.000	57.542	-15.1	74	-0.03
25 T	2-Butanone	250.000	321.054	-28.4#	79	-0.03
26 T	2,2-Dichloropropane	50.000	65.742	-31.5#	87	-0.04
27 T	cis-1,2-Dichloroethene	50.000	53.220	-6.4	71	-0.03
28 T	Bromochloromethane	50.000	52.362	-4.7	69	-0.03
29	Tetrahydrofuran	250.000	303.237	-21.3#	73	-0.03
30 C	Chloroform	50.000	64.737	-29.5#	83	-0.03
31 T	Cyclohexane	50.000	55.045	-10.1	69	-0.03
32 T	1,1,1-Trichloroethane	50.000	68.850	-37.7#	91	-0.04
33 S	1,2-Dichloroethane-d4	50.000	62.859	-25.7#	90	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	65	-0.03
35 S	Dibromofluoromethane	50.000	60.694	-21.4#	77	-0.03
36 T	1,1-Dichloropropene	50.000	65.471	-30.9#	79	-0.03
37 T	Ethyl Acetate	50.000	63.359	-26.7#	80	-0.03
38 T	Carbon Tetrachloride	50.000	74.343	-48.7#	88	-0.03
39 T	Methylcyclohexane	50.000	56.216	-12.4	70	-0.03
40 TM	Benzene	50.000	59.010	-18.0	73	-0.03
41 T	Methacrylonitrile	50.000	65.915	-31.8#	82	-0.03
42 TM	1,2-Dichloroethane	50.000	77.633	-55.3#	89	-0.03
43 T	Isopropyl Acetate	50.000	64.492	-29.0#	74	-0.03
44 TM	Trichloroethene	50.000	60.018	-20.0#	73	-0.03
45 C	1,2-Dichloropropane	50.000	58.796	-17.6#	72	-0.03

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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	69.673	-39.3#	82	-0.03
47 T	Bromodichloromethane	50.000	71.266	-42.5#	88	-0.03
48 T	Methyl methacrylate	50.000	67.349	-34.7#	81	-0.03
49 T	1,4-Dioxane	1000.000	1178.262	-17.8	69	-0.02
50 S	Toluene-d8	50.000	54.884	-9.8	73	-0.03
51 T	4-Methyl-2-Pentanone	250.000	361.175	-44.5#	85	-0.03
52 CM	Toluene	50.000	60.481	-21.0#	73	-0.03
53 T	t-1,3-Dichloropropene	50.000	67.149	-34.3#	83	-0.03
54 T	cis-1,3-Dichloropropene	50.000	66.517	-33.0#	80	-0.02
55 T	1,1,2-Trichloroethane	50.000	65.781	-31.6#	75	-0.03
56 T	Ethyl methacrylate	50.000	66.886	-33.8#	79	-0.02
57 T	1,3-Dichloropropane	50.000	66.993	-34.0#	79	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	308.158	-23.3#	91	-0.03
59 T	2-Hexanone	250.000	347.162	-38.9#	83	-0.03
60 T	Dibromochloromethane	50.000	71.594	-43.2#	81	-0.02
61 T	1,2-Dibromoethane	50.000	70.979	-42.0#	82	-0.03
62 S	4-Bromofluorobenzene	50.000	61.190	-22.4#	82	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	70	-0.02
64 T	Tetrachloroethene	50.000	54.702	-9.4	71	-0.03
65 PM	Chlorobenzene	50.000	53.592	-7.2	70	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	63.814	-27.6#	83	-0.02
67 C	Ethyl Benzene	50.000	62.013	-24.0#	84	-0.02
68 T	m/p-Xylenes	100.000	108.824	-8.8	74	-0.02
69 T	o-Xylene	50.000	53.517	-7.0	74	-0.02
70 T	Styrene	50.000	55.237	-10.5	77	-0.02
71 P	Bromoform	50.000	64.692	-29.4#	80	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	-0.02
73 T	Isopropylbenzene	50.000	52.277	-4.6	76	-0.02
74 T	N-amyl acetate	50.000	59.666	-19.3	83	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	56.825	-13.7	80	0.00
76 T	1,2,3-Trichloropropane	50.000	58.188	-16.4	82	-0.02
77 T	Bromobenzene	50.000	51.038	-2.1	77	-0.02
78 T	n-propylbenzene	50.000	56.140	-12.3	86	-0.02
79 T	2-Chlorotoluene	50.000	56.838	-13.7	88	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	57.704	-15.4	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.098	-0.2	69	-0.02
82 T	4-Chlorotoluene	50.000	59.722	-19.4	86	-0.02
83 T	tert-Butylbenzene	50.000	57.492	-15.0	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.704	-15.4	90	0.00
85 T	sec-Butylbenzene	50.000	55.916	-11.8	85	0.00
86 T	p-Isopropyltoluene	50.000	56.755	-13.5	82	-0.02
87 T	1,3-Dichlorobenzene	50.000	54.041	-8.1	82	0.00
88 T	1,4-Dichlorobenzene	50.000	55.985	-12.0	80	-0.02
89 T	n-Butylbenzene	50.000	54.401	-8.8	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.197	-10.4	81	-0.02
91 T	1,2-Dichlorobenzene	50.000	52.427	-4.9	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	67.315	-34.6#	98	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	55.281	-10.6	83	-0.02
94 T	Hexachlorobutadiene	50.000	59.990	-20.0	83	0.00
95 T	Naphthalene	50.000	56.640	-13.3	80	0.00
96 T	1,2,3-Trichlorobenzene	50.000	55.230	-10.5	82	0.00

(#) = Out of Range

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