

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051419\
 Data File : VD062339.D
 Acq On : 14 May 2019 11:14
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 14 12:09:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 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	78	0.04
2 T	Dichlorodifluoromethane	50.000	52.429	-4.9	81	0.01
3 P	Chloromethane	50.000	44.624	10.8	73	0.02
4 C	Vinyl Chloride	50.000	48.898	2.2#	73	0.02
5 T	Bromomethane	50.000	75.980	-52.0#	111	0.01
6 T	Chloroethane	50.000	61.381	-22.8#	88	0.02
7 T	Trichlorofluoromethane	50.000	65.472	-30.9#	101	0.02
8 T	Diethyl Ether	50.000	42.155	15.7	65	0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.431	-4.9	79	0.02
10 T	Methyl Iodide	50.000	41.786	16.4	64	0.02
11 T	Tert butyl alcohol	250.000	263.573	-5.4	85	0.05
12 CM	1,1-Dichloroethene	50.000	50.489	-1.0#	73	0.02
13 T	Acrolein	250.000	269.060	-7.6	88	0.03
14 T	Allyl chloride	50.000	49.290	1.4	74	0.04
15 T	Acrylonitrile	250.000	243.925	2.4	78	0.04
16 T	Acetone	250.000	332.316	-32.9#	101	0.04
17 T	Carbon Disulfide	50.000	46.160	7.7	70	0.02
18 T	Methyl Acetate	50.000	50.192	-0.4	81	0.03
19 T	Methyl tert-butyl Ether	50.000	53.273	-6.5	82	0.04
20 T	Methylene Chloride	50.000	46.709	6.6	75	0.03
21 T	trans-1,2-Dichloroethene	50.000	51.886	-3.8	76	0.03
22 T	Diisopropyl ether	50.000	52.796	-5.6	82	0.04
23 T	Vinyl Acetate	250.000	296.229	-18.5	89	0.05
24 P	1,1-Dichloroethane	50.000	51.883	-3.8	83	0.04
25 T	2-Butanone	250.000	278.946	-11.6	91	0.05
26 T	2,2-Dichloropropane	50.000	59.869	-19.7	97	0.04
27 T	cis-1,2-Dichloroethene	50.000	51.322	-2.6	82	0.04
28 T	Bromochloromethane	50.000	61.132	-22.3#	97	0.04
29	Tetrahydrofuran	250.000	248.943	0.4	84	0.05
30 C	Chloroform	50.000	57.104	-14.2#	89	0.04
31 T	Cyclohexane	50.000	48.607	2.8	74	0.04
32 T	1,1,1-Trichloroethane	50.000	59.954	-19.9	92	0.04
33 S	1,2-Dichloroethane-d4	50.000	54.793	-9.6	84	0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.04
35 S	Dibromofluoromethane	50.000	51.669	-3.3	73	0.05
36 T	1,1-Dichloropropene	50.000	55.605	-11.2	84	0.04
37 T	Ethyl Acetate	50.000	53.154	-6.3	79	0.04
38 T	Carbon Tetrachloride	50.000	69.987	-40.0#	104	0.04
39 T	Methylcyclohexane	50.000	50.966	-1.9	74	0.03
40 TM	Benzene	50.000	50.753	-1.5	77	0.03
41 T	Methacrylonitrile	50.000	55.812	-11.6	86	0.04
42 TM	1,2-Dichloroethane	50.000	59.335	-18.7	89	0.04
43 T	Isopropyl Acetate	50.000	50.775	-1.5	77	0.04
44 TM	Trichloroethene	50.000	51.375	-2.8	75	0.04
45 C	1,2-Dichloropropane	50.000	51.364	-2.7#	78	0.03

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	55.884	-11.8	84	0.04
47 T	Bromodichloromethane	50.000	64.184	-28.4#	96	0.04
48 T	Methyl methacrylate	50.000	51.920	-3.8	80	0.04
49 T	1,4-Dioxane	1000.000	956.384	4.4	73	0.04
50 S	Toluene-d8	50.000	47.926	4.1	67	0.02
51 T	4-Methyl-2-Pentanone	250.000	267.144	-6.9	83	0.03
52 CM	Toluene	50.000	51.197	-2.4#	77	0.03
53 T	t-1,3-Dichloropropene	50.000	56.061	-12.1	83	0.03
54 T	cis-1,3-Dichloropropene	50.000	54.829	-9.7	79	0.03
55 T	1,1,2-Trichloroethane	50.000	53.276	-6.6	77	0.03
56 T	Ethyl methacrylate	50.000	50.409	-0.8	72	0.02
57 T	1,3-Dichloropropane	50.000	52.064	-4.1	73	0.03
58 T	2-Chloroethyl Vinyl ether	250.000	283.971	-13.6	84	0.03
59 T	2-Hexanone	250.000	299.957	-20.0	92	0.02
60 T	Dibromochloromethane	50.000	56.823	-13.6	84	0.03
61 T	1,2-Dibromoethane	50.000	51.138	-2.3	78	0.02
62 S	4-Bromofluorobenzene	50.000	52.601	-5.2	73	0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.02
64 T	Tetrachloroethene	50.000	49.157	1.7	79	0.04
65 PM	Chlorobenzene	50.000	48.468	3.1	82	0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	53.349	-6.7	83	0.02
67 C	Ethyl Benzene	50.000	53.011	-6.0#	83	0.02
68 T	m/p-Xylenes	100.000	94.516	5.5	72	0.02
69 T	o-Xylene	50.000	47.378	5.2	75	0.02
70 T	Styrene	50.000	49.705	0.6	81	0.02
71 P	Bromoform	50.000	48.739	2.5	76	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.01
73 T	Isopropylbenzene	50.000	51.480	-3.0	80	0.01
74 T	N-amyl acetate	50.000	49.228	1.5	78	0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	43.340	13.3	71	0.01
76 T	1,2,3-Trichloropropane	50.000	48.665	2.7	81	0.02
77 T	Bromobenzene	50.000	49.102	1.8	82	0.01
78 T	n-propylbenzene	50.000	48.291	3.4	79	0.02
79 T	2-Chlorotoluene	50.000	49.268	1.5	79	0.02
80 T	1,3,5-Trimethylbenzene	50.000	51.717	-3.4	83	0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	48.013	4.0	73	0.01
82 T	4-Chlorotoluene	50.000	53.362	-6.7	85	0.01
83 T	tert-Butylbenzene	50.000	50.451	-0.9	78	0.02
84 T	1,2,4-Trimethylbenzene	50.000	52.101	-4.2	83	0.02
85 T	sec-Butylbenzene	50.000	49.434	1.1	79	0.01
86 T	p-Isopropyltoluene	50.000	52.816	-5.6	79	0.02
87 T	1,3-Dichlorobenzene	50.000	48.594	2.8	77	0.01
88 T	1,4-Dichlorobenzene	50.000	46.735	6.5	77	0.01
89 T	n-Butylbenzene	50.000	57.005	-14.0	94	0.02

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90 T	Hexachloroethane	50.000	50.014	-0.0	78	0.01
91 T	1,2-Dichlorobenzene	50.000	51.840	-3.7	87	0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.477	-13.0	90	0.01
93 T	1,2,4-Trichlorobenzene	50.000	54.125	-8.3	91	0.01
94 T	Hexachlorobutadiene	50.000	56.841	-13.7	92	0.02
95 T	Naphthalene	50.000	52.085	-4.2	82	0.01
96 T	1,2,3-Trichlorobenzene	50.000	60.574	-21.1#	97	0.01

(#) = Out of Range

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