

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD042919\
 Data File : VD062060.D
 Acq On : 29 Apr 2019 13:43
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00qm/5mL/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 30 01:19:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 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	83	-0.04
2 T	Dichlorodifluoromethane	50.000	51.041	-2.1	83	-0.02
3 P	Chloromethane	50.000	44.684	10.6	80	-0.02
4 C	Vinyl Chloride	50.000	46.963	6.1#	82	-0.02
5 T	Bromomethane	50.000	69.668	-39.3#	100	-0.02
6 T	Chloroethane	50.000	53.762	-7.5	87	-0.02
7 T	Trichlorofluoromethane	50.000	57.460	-14.9	100	-0.03
8 T	Diethyl Ether	50.000	51.348	-2.7	91	-0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.586	-1.2	88	-0.03
10 T	Methyl Iodide	50.000	47.018	6.0	83	-0.04
11 T	Tert butyl alcohol	250.000	256.827	-2.7	90	-0.04
12 CM	1,1-Dichloroethene	50.000	46.745	6.5#	80	-0.03
13 T	Acrolein	250.000	263.546	-5.4	104	-0.03
14 T	Allyl chloride	50.000	47.648	4.7	84	-0.04
15 T	Acrylonitrile	250.000	238.895	4.4	84	-0.05
16 T	Acetone	250.000	265.119	-6.0	89	-0.03
17 T	Carbon Disulfide	50.000	47.963	4.1	83	-0.04
18 T	Methyl Acetate	50.000	49.088	1.8	90	-0.04
19 T	Methyl tert-butyl Ether	50.000	46.579	6.8	82	-0.04
20 T	Methylene Chloride	50.000	48.863	2.3	84	-0.04
21 T	trans-1,2-Dichloroethene	50.000	45.925	8.2	78	-0.03
22 T	Diisopropyl ether	50.000	47.737	4.5	84	-0.04
23 T	Vinyl Acetate	250.000	253.317	-1.3	87	-0.05
24 P	1,1-Dichloroethane	50.000	48.175	3.7	86	-0.05
25 T	2-Butanone	250.000	262.294	-4.9	93	-0.05
26 T	2,2-Dichloropropane	50.000	53.008	-6.0	95	-0.04
27 T	cis-1,2-Dichloroethene	50.000	49.830	0.3	90	-0.04
28 T	Bromochloromethane	50.000	55.103	-10.2	98	-0.05
29	Tetrahydrofuran	250.000	243.951	2.4	82	-0.04
30 C	Chloroform	50.000	52.928	-5.9#	87	-0.05
31 T	Cyclohexane	50.000	50.757	-1.5	81	-0.04
32 T	1,1,1-Trichloroethane	50.000	53.690	-7.4	86	-0.04
33 S	1,2-Dichloroethane-d4	50.000	56.485	-13.0	103	-0.04
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	-0.04
35 S	Dibromofluoromethane	50.000	52.994	-6.0	97	-0.04
36 T	1,1-Dichloropropene	50.000	48.804	2.4	86	-0.03
37 T	Ethyl Acetate	50.000	43.615	12.8	86	-0.04
38 T	Carbon Tetrachloride	50.000	48.709	2.6	81	-0.04
39 T	Methylcyclohexane	50.000	48.720	2.6	87	-0.04
40 TM	Benzene	50.000	46.603	6.8	84	-0.04
41 T	Methacrylonitrile	50.000	48.807	2.4	84	-0.03
42 TM	1,2-Dichloroethane	50.000	49.919	0.2	94	-0.04
43 T	Isopropyl Acetate	50.000	47.362	5.3	89	-0.04
44 TM	Trichloroethene	50.000	45.571	8.9	82	-0.04
45 C	1,2-Dichloropropane	50.000	46.778	6.4#	85	-0.04

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.875	4.3	87	-0.04
47 T	Bromodichloromethane	50.000	47.014	6.0	88	-0.04
48 T	Methyl methacrylate	50.000	45.497	9.0	88	-0.04
49 T	1,4-Dioxane	1000.000	949.355	5.1	82	-0.03
50 S	Toluene-d8	50.000	48.309	3.4	92	-0.04
51 T	4-Methyl-2-Pentanone	250.000	234.155	6.3	87	-0.03
52 CM	Toluene	50.000	44.903	10.2#	88	-0.03
53 T	t-1,3-Dichloropropene	50.000	50.335	-0.7	88	-0.03
54 T	cis-1,3-Dichloropropene	50.000	46.222	7.6	85	-0.03
55 T	1,1,2-Trichloroethane	50.000	46.619	6.8	87	-0.03
56 T	Ethyl methacrylate	50.000	45.170	9.7	85	-0.03
57 T	1,3-Dichloropropane	50.000	45.068	9.9	87	-0.03
58 T	2-Chloroethyl Vinyl ether	250.000	239.057	4.4	95	-0.04
59 T	2-Hexanone	250.000	228.879	8.4	85	-0.02
60 T	Dibromochloromethane	50.000	50.020	-0.0	92	-0.03
61 T	1,2-Dibromoethane	50.000	48.335	3.3	96	-0.02
62 S	4-Bromofluorobenzene	50.000	51.061	-2.1	98	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	84	-0.02
64 T	Tetrachloroethene	50.000	51.266	-2.5	89	-0.03
65 PM	Chlorobenzene	50.000	47.046	5.9	83	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	49.959	0.1	86	-0.02
67 C	Ethyl Benzene	50.000	46.471	7.1#	83	-0.02
68 T	m/p-Xylenes	100.000	101.572	-1.6	92	0.00
69 T	o-Xylene	50.000	52.067	-4.1	94	-0.02
70 T	Styrene	50.000	48.505	3.0	86	-0.02
71 P	Bromoform	50.000	55.398	-10.8	97	-0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	-0.02
73 T	Isopropylbenzene	50.000	45.581	8.8	85	0.00
74 T	N-amyl acetate	50.000	47.725	4.5	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.560	0.9	89	0.00
76 T	1,2,3-Trichloropropane	50.000	49.930	0.1	88	-0.02
77 T	Bromobenzene	50.000	48.671	2.7	91	0.00
78 T	n-propylbenzene	50.000	47.882	4.2	92	-0.02
79 T	2-Chlorotoluene	50.000	46.173	7.7	86	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	48.436	3.1	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.545	-1.1	94	-0.02
82 T	4-Chlorotoluene	50.000	49.311	1.4	92	-0.02
83 T	tert-Butylbenzene	50.000	47.809	4.4	85	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.020	2.0	83	0.00
85 T	sec-Butylbenzene	50.000	48.805	2.4	89	0.00
86 T	p-Isopropyltoluene	50.000	49.734	0.5	85	-0.02
87 T	1,3-Dichlorobenzene	50.000	48.612	2.8	90	0.00
88 T	1,4-Dichlorobenzene	50.000	50.534	-1.1	90	-0.02
89 T	n-Butylbenzene	50.000	49.612	0.8	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.147	-4.3	91	0.00
91 T	1,2-Dichlorobenzene	50.000	49.465	1.1	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.418	3.2	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.098	-2.2	87	0.00
94 T	Hexachlorobutadiene	50.000	49.164	1.7	81	0.00
95 T	Naphthalene	50.000	41.574	16.9	75	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	48.633	2.7	80	0.00

(#) = Out of Range

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