

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD061319\
 Data File : VD062686.D
 Acq On : 13 Jun 2019 11:16
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 14 06:52:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 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	109	0.02
2 T	Dichlorodifluoromethane	50.000	42.346	15.3	100	0.01
3 P	Chloromethane	50.000	43.742	12.5	101	0.01
4 C	Vinyl Chloride	50.000	44.991	10.0#	104	0.00
5 T	Bromomethane	50.000	50.083	-0.2	110	0.01
6 T	Chloroethane	50.000	46.321	7.4	100	0.01
7 T	Trichlorofluoromethane	50.000	44.045	11.9	98	0.01
8 T	Diethyl Ether	50.000	43.900	12.2	97	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.373	9.3	97	0.02
10 T	Methyl Iodide	50.000	41.121	17.8	99	0.02
11 T	Tert butyl alcohol	250.000	246.372	1.5	123	0.02
12 CM	1,1-Dichloroethene	50.000	47.486	5.0#	99	0.02
13 T	Acrolein	250.000	226.050	9.6	104	0.01
14 T	Allyl chloride	50.000	48.744	2.5	106	0.02
15 T	Acrylonitrile	250.000	240.995	3.6	107	0.01
16 T	Acetone	250.000	258.425	-3.4	105	0.01
17 T	Carbon Disulfide	50.000	45.455	9.1	101	0.02
18 T	Methyl Acetate	50.000	43.114	13.8	107	0.01
19 T	Methyl tert-butyl Ether	50.000	46.681	6.6	101	0.01
20 T	Methylene Chloride	50.000	41.065	17.9	98	0.02
21 T	trans-1,2-Dichloroethene	50.000	45.855	8.3	107	0.02
22 T	Diisopropyl ether	50.000	47.407	5.2	105	0.02
23 T	Vinyl Acetate	250.000	252.723	-1.1	105	0.01
24 P	1,1-Dichloroethane	50.000	48.885	2.2	108	0.02
25 T	2-Butanone	250.000	238.166	4.7	100	0.02
26 T	2,2-Dichloropropane	50.000	48.931	2.1	111	0.02
27 T	cis-1,2-Dichloroethene	50.000	46.562	6.9	102	0.02
28 T	Bromochloromethane	50.000	53.139	-6.3	119	0.01
29	Tetrahydrofuran	250.000	236.639	5.3	102	0.02
30 C	Chloroform	50.000	48.617	2.8#	107	0.01
31 T	Cyclohexane	50.000	46.423	7.2	102	0.02
32 T	1,1,1-Trichloroethane	50.000	48.508	3.0	106	0.01
33 S	1,2-Dichloroethane-d4	50.000	49.222	1.6	114	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.01
35 S	Dibromofluoromethane	50.000	50.082	-0.2	118	0.02
36 T	1,1-Dichloropropene	50.000	49.540	0.9	110	0.01
37 T	Ethyl Acetate	50.000	44.152	11.7	101	0.02
38 T	Carbon Tetrachloride	50.000	48.191	3.6	101	0.02
39 T	Methylcyclohexane	50.000	46.781	6.4	99	0.02
40 TM	Benzene	50.000	48.346	3.3	105	0.02
41 T	Methacrylonitrile	50.000	49.281	1.4	106	0.02
42 TM	1,2-Dichloroethane	50.000	48.875	2.3	101	0.01
43 T	Isopropyl Acetate	50.000	51.014	-2.0	107	0.01
44 TM	Trichloroethene	50.000	49.405	1.2	105	0.01
45 C	1,2-Dichloropropane	50.000	48.155	3.7#	98	0.01

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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	50.302	-0.6	105	0.02
47 T	Bromodichloromethane	50.000	50.172	-0.3	110	0.02
48 T	Methyl methacrylate	50.000	48.628	2.7	104	0.02
49 T	1,4-Dioxane	1000.000	893.391	10.7	93	0.02
50 S	Toluene-d8	50.000	50.343	-0.7	118	0.01
51 T	4-Methyl-2-Pentanone	250.000	239.348	4.3	101	0.01
52 CM	Toluene	50.000	49.301	1.4#	101	0.01
53 T	t-1,3-Dichloropropene	50.000	50.514	-1.0	104	0.01
54 T	cis-1,3-Dichloropropene	50.000	52.514	-5.0	110	0.01
55 T	1,1,2-Trichloroethane	50.000	49.398	1.2	106	0.01
56 T	Ethyl methacrylate	50.000	44.264	11.5	100	0.01
57 T	1,3-Dichloropropane	50.000	52.233	-4.5	115	0.01
58 T	2-Chloroethyl Vinyl ether	250.000	236.382	5.4	117	0.02
59 T	2-Hexanone	250.000	265.566	-6.2	109	0.01
60 T	Dibromochloromethane	50.000	47.627	4.7	97	0.01
61 T	1,2-Dibromoethane	50.000	49.182	1.6	101	0.01
62 S	4-Bromofluorobenzene	50.000	51.910	-3.8	114	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.01
64 T	Tetrachloroethene	50.000	45.856	8.3	93	0.01
65 PM	Chlorobenzene	50.000	48.494	3.0	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.083	3.8	99	0.01
67 C	Ethyl Benzene	50.000	47.671	4.7#	101	0.01
68 T	m/p-Xylenes	100.000	96.932	3.1	102	0.01
69 T	o-Xylene	50.000	50.805	-1.6	107	0.00
70 T	Styrene	50.000	49.422	1.2	103	0.01
71 P	Bromoform	50.000	44.431	11.1	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	52.297	-4.6	111	0.00
74 T	N-amyl acetate	50.000	49.217	1.6	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.743	-5.5	99	0.00
76 T	1,2,3-Trichloropropane	50.000	53.605	-7.2	107	0.01
77 T	Bromobenzene	50.000	50.327	-0.7	97	0.00
78 T	n-propylbenzene	50.000	48.456	3.1	92	0.01
79 T	2-Chlorotoluene	50.000	48.077	3.8	89	0.01
80 T	1,3,5-Trimethylbenzene	50.000	51.607	-3.2	106	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.817	8.4	97	0.00
82 T	4-Chlorotoluene	50.000	51.738	-3.5	106	0.00
83 T	tert-Butylbenzene	50.000	50.948	-1.9	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.205	-0.4	92	0.00
85 T	sec-Butylbenzene	50.000	45.582	8.8	87	0.00
86 T	p-Isopropyltoluene	50.000	48.523	3.0	89	0.01
87 T	1,3-Dichlorobenzene	50.000	49.862	0.3	94	0.00
88 T	1,4-Dichlorobenzene	50.000	48.878	2.2	98	0.00
89 T	n-Butylbenzene	50.000	49.950	0.1	93	0.01

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90 T	Hexachloroethane	50.000	47.788	4.4	93	0.00
91 T	1,2-Dichlorobenzene	50.000	48.991	2.0	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.422	-6.8	104	0.01
93 T	1,2,4-Trichlorobenzene	50.000	42.338	15.3	90	0.00
94 T	Hexachlorobutadiene	50.000	50.163	-0.3	98	0.01
95 T	Naphthalene	50.000	42.988	14.0	89	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.511	-5.0	97	0.00

(#) = Out of Range

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