

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD111918\
 Data File : VD060411.D
 Acq On : 19 Nov 2018 12:13
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 20 13:54:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 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	90	-0.01
2 T	Dichlorodifluoromethane	50.000	48.097	3.8	83	0.00
3 P	Chloromethane	50.000	42.167	15.7	83	0.00
4 C	Vinyl Chloride	50.000	45.372	9.3#	85	0.00
5 T	Bromomethane	50.000	57.038	-14.1	89	0.00
6 T	Chloroethane	50.000	49.595	0.8	84	0.00
7 T	Trichlorofluoromethane	50.000	48.493	3.0	86	0.00
8 T	Diethyl Ether	50.000	49.530	0.9	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.428	5.1	83	0.00
10 T	Methyl Iodide	50.000	42.154	15.7	75	0.00
11 T	Tert butyl alcohol	250.000	250.455	-0.2	80	-0.01
12 CM	1,1-Dichloroethene	50.000	46.096	7.8#	81	0.00
13 T	Acrolein	250.000	201.198	19.5	73	0.00
14 T	Allyl chloride	50.000	48.235	3.5	85	0.00
15 T	Acrylonitrile	250.000	252.157	-0.9	88	0.00
16 T	Acetone	250.000	231.520	7.4	85	0.00
17 T	Carbon Disulfide	50.000	43.127	13.7	78	0.00
18 T	Methyl Acetate	50.000	51.451	-2.9	99	0.00
19 T	Methyl tert-butyl Ether	50.000	49.919	0.2	86	-0.01
20 T	Methylene Chloride	50.000	49.938	0.1	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.651	0.7	87	0.00
22 T	Diisopropyl ether	50.000	50.069	-0.1	87	-0.01
23 T	Vinyl Acetate	250.000	249.886	0.0	86	-0.01
24 P	1,1-Dichloroethane	50.000	49.998	0.0	88	-0.01
25 T	2-Butanone	250.000	238.243	4.7	83	-0.01
26 T	2,2-Dichloropropane	50.000	52.407	-4.8	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.931	-1.9	89	-0.01
28 T	Bromochloromethane	50.000	52.395	-4.8	94	-0.01
29	Tetrahydrofuran	250.000	235.106	6.0	83	0.00
30 C	Chloroform	50.000	50.699	-1.4#	88	-0.01
31 T	Cyclohexane	50.000	46.043	7.9	85	-0.01
32 T	1,1,1-Trichloroethane	50.000	51.285	-2.6	89	-0.01
33 S	1,2-Dichloroethane-d4	50.000	48.621	2.8	84	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	-0.01
35 S	Dibromofluoromethane	50.000	49.685	0.6	85	-0.01
36 T	1,1-Dichloropropene	50.000	47.594	4.8	87	-0.01
37 T	Ethyl Acetate	50.000	45.625	8.8	80	0.00
38 T	Carbon Tetrachloride	50.000	48.658	2.7	88	-0.01
39 T	Methylcyclohexane	50.000	46.074	7.9	83	0.00
40 TM	Benzene	50.000	48.098	3.8	85	-0.01
41 T	Methacrylonitrile	50.000	46.658	6.7	83	-0.03
42 TM	1,2-Dichloroethane	50.000	49.010	2.0	86	-0.01
43 T	Isopropyl Acetate	50.000	47.103	5.8	81	-0.01
44 TM	Trichloroethene	50.000	49.576	0.8	87	-0.01
45 C	1,2-Dichloropropane	50.000	49.215	1.6#	86	-0.01

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.040	1.9	86	-0.01
47 T	Bromodichloromethane	50.000	48.720	2.6	84	-0.01
48 T	Methyl methacrylate	50.000	48.090	3.8	84	-0.01
49 T	1,4-Dioxane	1000.000	977.018	2.3	85	-0.01
50 S	Toluene-d8	50.000	47.352	5.3	82	-0.01
51 T	4-Methyl-2-Pentanone	250.000	233.955	6.4	84	-0.01
52 CM	Toluene	50.000	49.221	1.6#	88	-0.01
53 T	t-1,3-Dichloropropene	50.000	49.089	1.8	84	-0.01
54 T	cis-1,3-Dichloropropene	50.000	50.397	-0.8	88	0.00
55 T	1,1,2-Trichloroethane	50.000	47.519	5.0	89	-0.01
56 T	Ethyl methacrylate	50.000	49.750	0.5	83	-0.01
57 T	1,3-Dichloropropane	50.000	47.666	4.7	84	-0.01
58 T	2-Chloroethyl Vinyl ether	250.000	244.448	2.2	87	-0.01
59 T	2-Hexanone	250.000	232.100	7.2	80	-0.01
60 T	Dibromochloromethane	50.000	51.328	-2.7	86	0.00
61 T	1,2-Dibromoethane	50.000	49.622	0.8	86	0.00
62 S	4-Bromofluorobenzene	50.000	45.169	9.7	80	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	-0.01
64 T	Tetrachloroethene	50.000	50.409	-0.8	85	-0.01
65 PM	Chlorobenzene	50.000	52.287	-4.6	88	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	51.722	-3.4	88	0.00
67 C	Ethyl Benzene	50.000	50.087	-0.2#	88	0.00
68 T	m/p-Xylenes	100.000	102.860	-2.9	87	0.00
69 T	o-Xylene	50.000	52.244	-4.5	87	-0.01
70 T	Styrene	50.000	53.210	-6.4	91	-0.01
71 P	Bromoform	50.000	54.196	-8.4	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	-0.01
73 T	Isopropylbenzene	50.000	51.508	-3.0	93	0.00
74 T	N-amyl acetate	50.000	51.135	-2.3	85	-0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	48.869	2.3	84	0.00
76 T	1,2,3-Trichloropropane	50.000	51.944	-3.9	88	-0.01
77 T	Bromobenzene	50.000	49.380	1.2	86	0.00
78 T	n-propylbenzene	50.000	50.627	-1.3	87	0.00
79 T	2-Chlorotoluene	50.000	50.443	-0.9	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.748	-1.5	89	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	53.691	-7.4	89	0.00
82 T	4-Chlorotoluene	50.000	49.697	0.6	88	-0.01
83 T	tert-Butylbenzene	50.000	53.074	-6.1	91	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	52.121	-4.2	89	0.00
85 T	sec-Butylbenzene	50.000	51.753	-3.5	89	0.00
86 T	p-Isopropyltoluene	50.000	50.760	-1.5	86	-0.01
87 T	1,3-Dichlorobenzene	50.000	50.385	-0.8	85	-0.01
88 T	1,4-Dichlorobenzene	50.000	50.639	-1.3	86	-0.01
89 T	n-Butylbenzene	50.000	53.479	-7.0	88	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.743	-11.5	95	0.00
91 T	1,2-Dichlorobenzene	50.000	47.982	4.0	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.713	-1.4	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.926	0.1	84	-0.01
94 T	Hexachlorobutadiene	50.000	50.317	-0.6	85	-0.01
95 T	Naphthalene	50.000	51.254	-2.5	86	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	49.464	1.1	84	-0.01

(#) = Out of Range

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