

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD060818\
 Data File : VD058011.D
 Acq On : 8 Jun 2018 11:45
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 08 12:03:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 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	109	0.00
2 T	Dichlorodifluoromethane	50.000	48.537	2.9	108	0.00
3 P	Chloromethane	50.000	49.537	0.9	118	0.00
4 C	Vinyl Chloride	50.000	52.173	-4.3#	116	0.00
5 T	Bromomethane	50.000	52.968	-5.9	104	0.00
6 T	Chloroethane	50.000	58.932	-17.9	115	0.00
7 T	Trichlorofluoromethane	50.000	54.771	-9.5	116	0.00
8 T	Diethyl Ether	50.000	55.578	-11.2	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.792	-9.6	114	0.00
10 T	Methyl Iodide	50.000	54.316	-8.6	115	0.00
11 T	Tert butyl alcohol	250.000	321.930	-28.8#	122	0.00
12 CM	1,1-Dichloroethene	50.000	55.049	-10.1#	117	0.00
13 T	Acrolein	250.000	235.833	5.7	107	0.00
14 T	Allyl chloride	50.000	52.955	-5.9	116	0.00
15 T	Acrylonitrile	250.000	259.571	-3.8	115	0.00
16 T	Acetone	250.000	289.133	-15.7	123	0.00
17 T	Carbon Disulfide	50.000	54.393	-8.8	116	0.00
18 T	Methyl Acetate	50.000	51.987	-4.0	124	0.00
19 T	Methyl tert-butyl Ether	50.000	51.689	-3.4	111	0.00
20 T	Methylene Chloride	50.000	55.666	-11.3	113	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.812	-3.6	111	0.00
22 T	Diisopropyl ether	50.000	50.123	-0.2	106	0.00
23 T	Vinyl Acetate	250.000	265.443	-6.2	108	0.00
24 P	1,1-Dichloroethane	50.000	49.350	1.3	108	0.00
25 T	2-Butanone	250.000	269.500	-7.8	113	0.00
26 T	2,2-Dichloropropane	50.000	51.661	-3.3	112	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.760	-1.5	110	0.00
28 T	Bromochloromethane	50.000	53.897	-7.8	115	0.00
29	Tetrahydrofuran	250.000	250.880	-0.4	107	0.00
30 C	Chloroform	50.000	52.198	-4.4#	113	0.00
31 T	Cyclohexane	50.000	47.819	4.4	112	0.00
32 T	1,1,1-Trichloroethane	50.000	52.290	-4.6	113	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.291	7.4	103	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	51.396	-2.8	110	0.00
36 T	1,1-Dichloropropene	50.000	50.324	-0.6	106	0.00
37 T	Ethyl Acetate	50.000	53.164	-6.3	112	-0.02
38 T	Carbon Tetrachloride	50.000	52.138	-4.3	108	0.00
39 T	Methylcyclohexane	50.000	53.406	-6.8	109	0.00
40 TM	Benzene	50.000	52.502	-5.0	110	0.00
41 T	Methacrylonitrile	50.000	55.370	-10.7	112	0.00
42 TM	1,2-Dichloroethane	50.000	53.221	-6.4	108	-0.02
43 T	Isopropyl Acetate	50.000	53.525	-7.0	107	0.00
44 TM	Trichloroethene	50.000	54.189	-8.4	109	0.00
45 C	1,2-Dichloropropane	50.000	52.769	-5.5#	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	53.082	-6.2	108	0.00
47 T	Bromodichloromethane	50.000	54.343	-8.7	107	0.00
48 T	Methyl methacrylate	50.000	52.802	-5.6	109	0.00
49 T	1,4-Dioxane	1000.000	1082.412	-8.2	111	-0.02
50 S	Toluene-d8	50.000	50.885	-1.8	112	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.736	-6.7	108	0.00
52 CM	Toluene	50.000	53.240	-6.5#	112	0.00
53 T	t-1,3-Dichloropropene	50.000	55.964	-11.9	114	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.092	-8.2	107	0.00
55 T	1,1,2-Trichloroethane	50.000	52.363	-4.7	109	0.00
56 T	Ethyl methacrylate	50.000	53.212	-6.4	107	0.00
57 T	1,3-Dichloropropane	50.000	52.132	-4.3	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	258.376	-3.4	108	0.00
59 T	2-Hexanone	250.000	276.741	-10.7	113	0.00
60 T	Dibromochloromethane	50.000	54.628	-9.3	108	0.00
61 T	1,2-Dibromoethane	50.000	53.582	-7.2	110	0.00
62 S	4-Bromofluorobenzene	50.000	46.834	6.3	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64 T	Tetrachloroethene	50.000	52.095	-4.2	111	0.00
65 PM	Chlorobenzene	50.000	52.122	-4.2	111	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.688	-3.4	106	0.00
67 C	Ethyl Benzene	50.000	51.598	-3.2#	110	0.00
68 T	m/p-Xylenes	100.000	100.363	-0.4	111	0.00
69 T	o-Xylene	50.000	50.553	-1.1	108	0.00
70 T	Styrene	50.000	50.974	-1.9	108	0.00
71 P	Bromoform	50.000	55.341	-10.7	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	52.657	-5.3	110	0.00
74 T	N-amyl acetate	50.000	52.542	-5.1	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.595	-3.2	108	0.00
76 T	1,2,3-Trichloropropane	50.000	52.643	-5.3	108	0.00
77 T	Bromobenzene	50.000	50.401	-0.8	104	0.00
78 T	n-propylbenzene	50.000	51.936	-3.9	112	0.00
79 T	2-Chlorotoluene	50.000	50.252	-0.5	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.106	-4.2	114	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.941	-15.9	106	0.00
82 T	4-Chlorotoluene	50.000	58.600	-17.2	115	0.00
83 T	tert-Butylbenzene	50.000	52.703	-5.4	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.774	-5.5	109	0.00
85 T	sec-Butylbenzene	50.000	48.772	2.5	103	0.00
86 T	p-Isopropyltoluene	50.000	50.693	-1.4	106	0.00
87 T	1,3-Dichlorobenzene	50.000	52.869	-5.7	111	0.00
88 T	1,4-Dichlorobenzene	50.000	52.316	-4.6	113	0.00
89 T	n-Butylbenzene	50.000	58.224	-16.4	112	0.00

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90 T	Hexachloroethane	50.000	54.064	-8.1	107	0.00
91 T	1,2-Dichlorobenzene	50.000	50.348	-0.7	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	55.548	-11.1	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.089	-4.2	106	0.00
94 T	Hexachlorobutadiene	50.000	51.623	-3.2	104	0.00
95 T	Naphthalene	50.000	51.091	-2.2	106	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.061	-4.1	106	0.00

(#) = Out of Range

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