

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD083118\
 Data File : VD059928.D
 Acq On : 31 Aug 2018 11:11
 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: Aug 31 14:40:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 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	110	-0.03
2 T	Dichlorodifluoromethane	50.000	49.160	1.7	112	0.00
3 P	Chloromethane	50.000	49.387	1.2	117	0.00
4 C	Vinyl Chloride	50.000	54.257	-8.5#	121	0.00
5 T	Bromomethane	50.000	51.078	-2.2	130	0.00
6 T	Chloroethane	50.000	54.575	-9.2	120	0.00
7 T	Trichlorofluoromethane	50.000	57.137	-14.3	126	-0.02
8 T	Diethyl Ether	50.000	54.272	-8.5	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.880	-13.8	130	-0.02
10 T	Methyl Iodide	50.000	53.484	-7.0	112	-0.02
11 T	Tert butyl alcohol	250.000	243.239	2.7	98	-0.03
12 CM	1,1-Dichloroethene	50.000	56.877	-13.8#	127	0.00
13 T	Acrolein	250.000	203.230	18.7	80	0.00
14 T	Allyl chloride	50.000	56.426	-12.9	121	-0.02
15 T	Acrylonitrile	250.000	247.037	1.2	102	-0.03
16 T	Acetone	250.000	292.079	-16.8	119	-0.02
17 T	Carbon Disulfide	50.000	53.663	-7.3	116	-0.02
18 T	Methyl Acetate	50.000	53.623	-7.2	115	-0.03
19 T	Methyl tert-butyl Ether	50.000	50.247	-0.5	104	-0.02
20 T	Methylene Chloride	50.000	54.671	-9.3	118	-0.02
21 T	trans-1,2-Dichloroethene	50.000	52.056	-4.1	113	-0.03
22 T	Diisopropyl ether	50.000	52.240	-4.5	111	-0.03
23 T	Vinyl Acetate	250.000	254.793	-1.9	106	-0.03
24 P	1,1-Dichloroethane	50.000	53.551	-7.1	115	-0.03
25 T	2-Butanone	250.000	264.487	-5.8	104	-0.03
26 T	2,2-Dichloropropane	50.000	52.878	-5.8	121	-0.04
27 T	cis-1,2-Dichloroethene	50.000	53.784	-7.6	115	-0.03
28 T	Bromochloromethane	50.000	52.267	-4.5	110	-0.03
29	Tetrahydrofuran	250.000	251.139	-0.5	104	-0.03
30 C	Chloroform	50.000	54.133	-8.3#	118	-0.03
31 T	Cyclohexane	50.000	48.801	2.4	112	-0.03
32 T	1,1,1-Trichloroethane	50.000	51.729	-3.5	113	-0.03
33 S	1,2-Dichloroethane-d4	50.000	49.362	1.3	105	-0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	-0.02
35 S	Dibromofluoromethane	50.000	50.976	-2.0	108	-0.03
36 T	1,1-Dichloropropene	50.000	52.725	-5.5	114	-0.03
37 T	Ethyl Acetate	50.000	49.728	0.5	107	-0.03
38 T	Carbon Tetrachloride	50.000	52.202	-4.4	116	-0.03
39 T	Methylcyclohexane	50.000	53.510	-7.0	113	-0.03
40 TM	Benzene	50.000	53.501	-7.0	115	-0.03
41 T	Methacrylonitrile	50.000	53.002	-6.0	106	-0.03
42 TM	1,2-Dichloroethane	50.000	50.901	-1.8	106	-0.03
43 T	Isopropyl Acetate	50.000	49.351	1.3	100	-0.03
44 TM	Trichloroethene	50.000	53.726	-7.5	114	-0.03
45 C	1,2-Dichloropropane	50.000	53.517	-7.0#	112	-0.03

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.564	-3.1	107	-0.03
47 T	Bromodichloromethane	50.000	53.925	-7.8	114	-0.03
48 T	Methyl methacrylate	50.000	49.319	1.4	104	-0.03
49 T	1,4-Dioxane	1000.000	1016.971	-1.7	104	-0.03
50 S	Toluene-d8	50.000	51.064	-2.1	107	-0.03
51 T	4-Methyl-2-Pentanone	250.000	260.522	-4.2	101	-0.03
52 CM	Toluene	50.000	54.259	-8.5#	116	-0.03
53 T	t-1,3-Dichloropropene	50.000	51.583	-3.2	108	-0.02
54 T	cis-1,3-Dichloropropene	50.000	53.214	-6.4	114	-0.03
55 T	1,1,2-Trichloroethane	50.000	49.760	0.5	111	-0.03
56 T	Ethyl methacrylate	50.000	49.692	0.6	102	-0.03
57 T	1,3-Dichloropropane	50.000	52.553	-5.1	109	-0.02
58 T	2-Chloroethyl Vinyl ether	250.000	252.577	-1.0	111	-0.03
59 T	2-Hexanone	250.000	265.864	-6.3	104	-0.02
60 T	Dibromochloromethane	50.000	52.196	-4.4	108	-0.02
61 T	1,2-Dibromoethane	50.000	51.254	-2.5	106	-0.03
62 S	4-Bromofluorobenzene	50.000	48.873	2.3	104	-0.02
63 I	Chlorobenzene-d5	50.000	50.000	0.0	106	-0.02
64 T	Tetrachloroethene	50.000	53.511	-7.0	113	-0.03
65 PM	Chlorobenzene	50.000	54.936	-9.9	114	-0.02
66 T	1,1,1,2-Tetrachloroethane	50.000	53.171	-6.3	110	-0.02
67 C	Ethyl Benzene	50.000	54.333	-8.7#	114	-0.02
68 T	m/p-Xylenes	100.000	109.147	-9.1	116	-0.02
69 T	o-Xylene	50.000	54.428	-8.9	114	-0.02
70 T	Styrene	50.000	53.345	-6.7	112	-0.02
71 P	Bromoform	50.000	50.632	-1.3	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	-0.02
73 T	Isopropylbenzene	50.000	53.703	-7.4	119	0.00
74 T	N-amyl acetate	50.000	47.939	4.1	103	-0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	51.203	-2.4	113	-0.02
76 T	1,2,3-Trichloropropane	50.000	50.126	-0.3	106	-0.02
77 T	Bromobenzene	50.000	55.082	-10.2	119	0.00
78 T	n-propylbenzene	50.000	53.449	-6.9	117	0.00
79 T	2-Chlorotoluene	50.000	51.714	-3.4	113	-0.02
80 T	1,3,5-Trimethylbenzene	50.000	51.177	-2.4	113	-0.02
81 T	trans-1,4-Dichloro-2-butene	50.000	48.737	2.5	103	0.00
82 T	4-Chlorotoluene	50.000	50.040	-0.1	110	-0.02
83 T	tert-Butylbenzene	50.000	54.034	-8.1	116	-0.02
84 T	1,2,4-Trimethylbenzene	50.000	50.844	-1.7	111	0.00
85 T	sec-Butylbenzene	50.000	53.147	-6.3	114	0.00
86 T	p-Isopropyltoluene	50.000	53.474	-6.9	117	-0.02
87 T	1,3-Dichlorobenzene	50.000	52.516	-5.0	115	-0.02
88 T	1,4-Dichlorobenzene	50.000	53.407	-6.8	117	-0.02
89 T	n-Butylbenzene	50.000	58.554	-17.1	122	-0.02

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90 T	Hexachloroethane	50.000	51.991	-4.0	113	0.00
91 T	1,2-Dichlorobenzene	50.000	53.271	-6.5	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.761	6.5	99	-0.02
93 T	1,2,4-Trichlorobenzene	50.000	50.285	-0.6	106	-0.02
94 T	Hexachlorobutadiene	50.000	52.908	-5.8	114	0.00
95 T	Naphthalene	50.000	50.627	-1.3	106	-0.02
96 T	1,2,3-Trichlorobenzene	50.000	50.284	-0.6	106	-0.02

(#) = Out of Range

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