

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD061818\
 Data File : VD058175.D
 Acq On : 18 Jun 2018 12:04
 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 19 05:47:33 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	104	0.00
2 T	Dichlorodifluoromethane	50.000	43.304	13.4	92	0.00
3 P	Chloromethane	50.000	41.010	18.0	93	0.00
4 C	Vinyl Chloride	50.000	47.667	4.7#	102	0.00
5 T	Bromomethane	50.000	44.754	10.5	84	0.00
6 T	Chloroethane	50.000	50.337	-0.7	94	0.00
7 T	Trichlorofluoromethane	50.000	48.488	3.0	99	0.00
8 T	Diethyl Ether	50.000	50.961	-1.9	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.918	2.2	98	0.00
10 T	Methyl Iodide	50.000	48.094	3.8	98	0.00
11 T	Tert butyl alcohol	250.000	305.997	-22.4#	111	0.01
12 CM	1,1-Dichloroethene	50.000	48.730	2.5#	99	0.00
13 T	Acrolein	250.000	272.483	-9.0	119	0.00
14 T	Allyl chloride	50.000	48.971	2.1	103	0.00
15 T	Acrylonitrile	250.000	206.310	17.5	88	0.01
16 T	Acetone	250.000	279.473	-11.8	114	0.00
17 T	Carbon Disulfide	50.000	46.881	6.2	96	0.00
18 T	Methyl Acetate	50.000	52.193	-4.4	119	0.00
19 T	Methyl tert-butyl Ether	50.000	50.687	-1.4	104	0.00
20 T	Methylene Chloride	50.000	53.683	-7.4	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.652	8.7	94	0.00
22 T	Diisopropyl ether	50.000	45.813	8.4	93	0.00
23 T	Vinyl Acetate	250.000	249.852	0.1	97	0.00
24 P	1,1-Dichloroethane	50.000	48.259	3.5	101	0.00
25 T	2-Butanone	250.000	230.821	7.7	93	0.00
26 T	2,2-Dichloropropane	50.000	50.945	-1.9	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.041	3.9	100	0.00
28 T	Bromochloromethane	50.000	47.821	4.4	98	0.00
29	Tetrahydrofuran	250.000	233.496	6.6	96	0.00
30 C	Chloroform	50.000	47.653	4.7#	99	0.00
31 T	Cyclohexane	50.000	43.121	13.8	97	0.00
32 T	1,1,1-Trichloroethane	50.000	50.903	-1.8	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	41.099	17.8	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	47.384	5.2	95	0.00
36 T	1,1-Dichloropropene	50.000	48.785	2.4	96	0.00
37 T	Ethyl Acetate	50.000	49.059	1.9	97	0.00
38 T	Carbon Tetrachloride	50.000	54.086	-8.2	106	0.00
39 T	Methylcyclohexane	50.000	52.557	-5.1	100	0.00
40 TM	Benzene	50.000	49.794	0.4	98	0.00
41 T	Methacrylonitrile	50.000	54.967	-9.9	104	0.00
42 TM	1,2-Dichloroethane	50.000	50.812	-1.6	97	0.00
43 T	Isopropyl Acetate	50.000	51.027	-2.1	96	0.00
44 TM	Trichloroethene	50.000	53.854	-7.7	102	0.00
45 C	1,2-Dichloropropane	50.000	51.972	-3.9#	100	0.00

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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	51.998	-4.0	99	0.00
47 T	Bromodichloromethane	50.000	53.709	-7.4	100	0.00
48 T	Methyl methacrylate	50.000	49.813	0.4	96	0.00
49 T	1,4-Dioxane	1000.000	991.541	0.8	95	0.00
50 S	Toluene-d8	50.000	45.775	8.5	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.133	-0.5	96	0.00
52 CM	Toluene	50.000	51.296	-2.6#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	53.109	-6.2	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.358	-6.7	99	0.00
55 T	1,1,2-Trichloroethane	50.000	53.073	-6.1	103	0.00
56 T	Ethyl methacrylate	50.000	53.220	-6.4	100	0.00
57 T	1,3-Dichloropropane	50.000	53.039	-6.1	102	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.309	-0.1	99	0.00
59 T	2-Hexanone	250.000	264.276	-5.7	101	0.00
60 T	Dibromochloromethane	50.000	56.310	-12.6	104	0.00
61 T	1,2-Dibromoethane	50.000	52.339	-4.7	101	0.00
62 S	4-Bromofluorobenzene	50.000	45.077	9.8	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	52.257	-4.5	106	0.00
65 PM	Chlorobenzene	50.000	50.321	-0.6	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.126	-6.3	103	0.00
67 C	Ethyl Benzene	50.000	49.064	1.9#	100	0.00
68 T	m/p-Xylenes	100.000	99.887	0.1	105	0.00
69 T	o-Xylene	50.000	47.876	4.2	97	0.00
70 T	Styrene	50.000	48.394	3.2	97	0.00
71 P	Bromoform	50.000	58.331	-16.7	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	51.757	-3.5	100	0.00
74 T	N-amyl acetate	50.000	51.677	-3.4	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.840	-5.7	102	0.00
76 T	1,2,3-Trichloropropane	50.000	52.547	-5.1	100	0.00
77 T	Bromobenzene	50.000	53.644	-7.3	102	0.00
78 T	n-propylbenzene	50.000	50.863	-1.7	101	0.00
79 T	2-Chlorotoluene	50.000	52.571	-5.1	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.156	-2.3	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.843	-19.7	100	0.00
82 T	4-Chlorotoluene	50.000	57.636	-15.3	105	0.00
83 T	tert-Butylbenzene	50.000	53.434	-6.9	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.654	-3.3	99	0.00
85 T	sec-Butylbenzene	50.000	51.512	-3.0	100	0.00
86 T	p-Isopropyltoluene	50.000	51.759	-3.5	100	0.00
87 T	1,3-Dichlorobenzene	50.000	52.306	-4.6	102	0.00
88 T	1,4-Dichlorobenzene	50.000	52.245	-4.5	104	0.00
89 T	n-Butylbenzene	50.000	56.312	-12.6	100	0.00

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90 T	Hexachloroethane	50.000	51.904	-3.8	95	0.00
91 T	1,2-Dichlorobenzene	50.000	48.967	2.1	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.663	-17.3	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	59.992	-20.0	113	0.00
94 T	Hexachlorobutadiene	50.000	59.514	-19.0	110	0.00
95 T	Naphthalene	50.000	59.671	-19.3	114	0.00
96 T	1,2,3-Trichlorobenzene	50.000	58.240	-16.5	110	0.01

(#) = Out of Range

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