

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD062718\
 Data File : VD059438.D
 Acq On : 27 Jun 2018 11:46
 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 27 15:04:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 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	112	-0.01
2 T	Dichlorodifluoromethane	50.000	46.336	7.3	111	0.02
3 P	Chloromethane	50.000	42.929	14.1	106	0.00
4 C	Vinyl Chloride	50.000	43.837	12.3#	102	0.00
5 T	Bromomethane	50.000	54.598	-9.2	109	0.02
6 T	Chloroethane	50.000	52.745	-5.5	111	0.02
7 T	Trichlorofluoromethane	50.000	53.316	-6.6	117	0.00
8 T	Diethyl Ether	50.000	45.525	9.0	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.328	-6.7	119	0.00
10 T	Methyl Iodide	50.000	47.482	5.0	98	0.00
11 T	Tert butyl alcohol	250.000	240.568	3.8	98	0.00
12 CM	1,1-Dichloroethene	50.000	51.421	-2.8#	121	0.00
13 T	Acrolein	250.000	186.524	25.4#	89	0.00
14 T	Allyl chloride	50.000	48.846	2.3	115	0.00
15 T	Acrylonitrile	250.000	270.651	-8.3	122	0.00
16 T	Acetone	250.000	294.389	-17.8	138	0.00
17 T	Carbon Disulfide	50.000	46.888	6.2	109	0.00
18 T	Methyl Acetate	50.000	44.914	10.2	93	0.00
19 T	Methyl tert-butyl Ether	50.000	46.929	6.1	108	0.00
20 T	Methylene Chloride	50.000	51.304	-2.6	116	0.00
21 T	trans-1,2-Dichloroethene	50.000	58.313	-16.6	133	0.00
22 T	Diisopropyl ether	50.000	45.997	8.0	107	0.00
23 T	Vinyl Acetate	250.000	237.010	5.2	105	0.00
24 P	1,1-Dichloroethane	50.000	47.588	4.8	114	0.00
25 T	2-Butanone	250.000	223.577	10.6	105	0.00
26 T	2,2-Dichloropropane	50.000	56.046	-12.1	131	0.00
27 T	cis-1,2-Dichloroethene	50.000	44.250	11.5	110	0.00
28 T	Bromochloromethane	50.000	47.478	5.0	105	0.00
29	Tetrahydrofuran	250.000	186.917	25.2#	85	0.00
30 C	Chloroform	50.000	48.459	3.1#	114	0.00
31 T	Cyclohexane	50.000	48.041	3.9	105	-0.01
32 T	1,1,1-Trichloroethane	50.000	49.250	1.5	111	-0.01
33 S	1,2-Dichloroethane-d4	50.000	41.976	16.0	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35 S	Dibromofluoromethane	50.000	44.740	10.5	96	0.00
36 T	1,1-Dichloropropene	50.000	47.511	5.0	111	0.00
37 T	Ethyl Acetate	50.000	42.573	14.9	99	0.00
38 T	Carbon Tetrachloride	50.000	49.593	0.8	114	0.00
39 T	Methylcyclohexane	50.000	47.479	5.0	111	0.00
40 TM	Benzene	50.000	45.591	8.8	105	-0.01
41 T	Methacrylonitrile	50.000	41.855	16.3	91	0.00
42 TM	1,2-Dichloroethane	50.000	44.783	10.4	102	0.00
43 T	Isopropyl Acetate	50.000	42.076	15.8	96	-0.01
44 TM	Trichloroethene	50.000	45.988	8.0	110	-0.01
45 C	1,2-Dichloropropane	50.000	46.655	6.7#	111	-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	45.291	9.4	103	0.00
47 T	Bromodichloromethane	50.000	49.414	1.2	106	-0.01
48 T	Methyl methacrylate	50.000	43.109	13.8	101	-0.01
49 T	1,4-Dioxane	1000.000	839.280	16.1	97	-0.02
50 S	Toluene-d8	50.000	42.935	14.1	91	-0.01
51 T	4-Methyl-2-Pentanone	250.000	209.935	16.0	97	-0.01
52 CM	Toluene	50.000	43.482	13.0#	103	-0.01
53 T	t-1,3-Dichloropropene	50.000	49.339	1.3	110	-0.01
54 T	cis-1,3-Dichloropropene	50.000	49.352	1.3	111	-0.01
55 T	1,1,2-Trichloroethane	50.000	44.953	10.1	103	-0.01
56 T	Ethyl methacrylate	50.000	44.216	11.6	99	-0.01
57 T	1,3-Dichloropropane	50.000	45.852	8.3	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	219.261	12.3	101	-0.01
59 T	2-Hexanone	250.000	234.663	6.1	105	-0.01
60 T	Dibromochloromethane	50.000	47.447	5.1	105	-0.01
61 T	1,2-Dibromoethane	50.000	44.961	10.1	104	-0.01
62 S	4-Bromofluorobenzene	50.000	46.273	7.5	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	45.373	9.3	105	-0.01
65 PM	Chlorobenzene	50.000	48.725	2.5	113	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	49.571	0.9	102	0.00
67 C	Ethyl Benzene	50.000	49.719	0.6#	110	0.00
68 T	m/p-Xylenes	100.000	92.607	7.4	107	0.00
69 T	o-Xylene	50.000	49.248	1.5	108	-0.01
70 T	Styrene	50.000	48.722	2.6	107	-0.01
71 P	Bromoform	50.000	49.183	1.6	101	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73 T	Isopropylbenzene	50.000	48.204	3.6	107	0.00
74 T	N-amyl acetate	50.000	43.647	12.7	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.565	6.9	103	-0.01
76 T	1,2,3-Trichloropropane	50.000	47.344	5.3	103	-0.01
77 T	Bromobenzene	50.000	49.092	1.8	109	0.00
78 T	n-propylbenzene	50.000	48.611	2.8	109	-0.01
79 T	2-Chlorotoluene	50.000	49.712	0.6	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.308	5.4	109	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	53.858	-7.7	109	0.00
82 T	4-Chlorotoluene	50.000	46.851	6.3	112	0.00
83 T	tert-Butylbenzene	50.000	50.223	-0.4	109	-0.01
84 T	1,2,4-Trimethylbenzene	50.000	46.176	7.6	102	-0.01
85 T	sec-Butylbenzene	50.000	50.233	-0.5	109	0.00
86 T	p-Isopropyltoluene	50.000	49.746	0.5	111	0.00
87 T	1,3-Dichlorobenzene	50.000	47.988	4.0	108	-0.01
88 T	1,4-Dichlorobenzene	50.000	48.159	3.7	109	0.00
89 T	n-Butylbenzene	50.000	50.569	-1.1	118	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.417	-12.8	116	0.00
91 T	1,2-Dichlorobenzene	50.000	45.010	10.0	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.579	8.8	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.575	0.8	111	-0.01
94 T	Hexachlorobutadiene	50.000	52.193	-4.4	110	0.00
95 T	Naphthalene	50.000	45.311	9.4	101	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	47.332	5.3	103	0.00

(#) = Out of Range

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