

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100418\
 Data File : VD060125.D
 Acq On : 4 Oct 2018 11:17
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 15:36:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 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	102	0.02
2 T	Dichlorodifluoromethane	50.000	54.615	-9.2	106	0.02
3 P	Chloromethane	50.000	54.977	-10.0	116	0.02
4 C	Vinyl Chloride	50.000	56.518	-13.0#	115	0.02
5 T	Bromomethane	50.000	76.207	-52.4#	130	0.03
6 T	Chloroethane	50.000	60.396	-20.8#	110	0.02
7 T	Trichlorofluoromethane	50.000	55.182	-10.4	110	0.03
8 T	Diethyl Ether	50.000	56.241	-12.5	110	0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.687	-15.4	121	0.03
10 T	Methyl Iodide	50.000	59.429	-18.9	109	0.03
11 T	Tert butyl alcohol	250.000	254.377	-1.8	97	0.02
12 CM	1,1-Dichloroethene	50.000	58.306	-16.6#	122	0.03
13 T	Acrolein	250.000	268.442	-7.4	116	0.02
14 T	Allyl chloride	50.000	56.883	-13.8	116	0.03
15 T	Acrylonitrile	250.000	270.559	-8.2	108	0.03
16 T	Acetone	250.000	294.404	-17.8	121	0.02
17 T	Carbon Disulfide	50.000	54.485	-9.0	110	0.03
18 T	Methyl Acetate	50.000	58.834	-17.7	117	0.02
19 T	Methyl tert-butyl Ether	50.000	53.722	-7.4	106	0.03
20 T	Methylene Chloride	50.000	52.122	-4.2	102	0.03
21 T	trans-1,2-Dichloroethene	50.000	51.883	-3.8	103	0.03
22 T	Diisopropyl ether	50.000	52.421	-4.8	106	0.02
23 T	Vinyl Acetate	250.000	267.285	-6.9	106	0.03
24 P	1,1-Dichloroethane	50.000	53.069	-6.1	105	0.03
25 T	2-Butanone	250.000	292.683	-17.1	114	0.02
26 T	2,2-Dichloropropane	50.000	56.063	-12.1	114	0.03
27 T	cis-1,2-Dichloroethene	50.000	52.605	-5.2	106	0.02
28 T	Bromochloromethane	50.000	49.490	1.0	102	0.03
29	Tetrahydrofuran	250.000	266.761	-6.7	106	0.03
30 C	Chloroform	50.000	53.910	-7.8#	109	0.03
31 T	Cyclohexane	50.000	50.252	-0.5	106	0.03
32 T	1,1,1-Trichloroethane	50.000	53.605	-7.2	109	0.03
33 S	1,2-Dichloroethane-d4	50.000	51.887	-3.8	104	0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.03
35 S	Dibromofluoromethane	50.000	50.367	-0.7	100	0.03
36 T	1,1-Dichloropropene	50.000	51.823	-3.6	108	0.03
37 T	Ethyl Acetate	50.000	52.286	-4.6	106	0.02
38 T	Carbon Tetrachloride	50.000	53.391	-6.8	109	0.03
39 T	Methylcyclohexane	50.000	52.864	-5.7	107	0.02
40 TM	Benzene	50.000	52.942	-5.9	109	0.03
41 T	Methacrylonitrile	50.000	52.496	-5.0	97	0.00
42 TM	1,2-Dichloroethane	50.000	53.292	-6.6	108	0.03
43 T	Isopropyl Acetate	50.000	54.348	-8.7	107	0.03
44 TM	Trichloroethene	50.000	51.938	-3.9	104	0.03
45 C	1,2-Dichloropropane	50.000	51.994	-4.0#	104	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	52.963	-5.9	107	0.02
47 T	Bromodichloromethane	50.000	55.306	-10.6	111	0.02
48 T	Methyl methacrylate	50.000	53.350	-6.7	107	0.02
49 T	1,4-Dioxane	1000.000	1018.170	-1.8	100	0.03
50 S	Toluene-d8	50.000	51.168	-2.3	102	0.02
51 T	4-Methyl-2-Pentanone	250.000	264.391	-5.8	106	0.02
52 CM	Toluene	50.000	52.332	-4.7#	105	0.03
53 T	t-1,3-Dichloropropene	50.000	55.027	-10.1	108	0.02
54 T	cis-1,3-Dichloropropene	50.000	53.764	-7.5	107	0.02
55 T	1,1,2-Trichloroethane	50.000	51.194	-2.4	103	0.02
56 T	Ethyl methacrylate	50.000	53.852	-7.7	104	0.02
57 T	1,3-Dichloropropane	50.000	52.762	-5.5	105	0.02
58 T	2-Chloroethyl Vinyl ether	250.000	242.440	3.0	104	0.02
59 T	2-Hexanone	250.000	280.654	-12.3	112	0.02
60 T	Dibromochloromethane	50.000	54.068	-8.1	106	0.02
61 T	1,2-Dibromoethane	50.000	52.961	-5.9	106	0.02
62 S	4-Bromofluorobenzene	50.000	50.105	-0.2	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.02
64 T	Tetrachloroethene	50.000	52.152	-4.3	108	0.02
65 PM	Chlorobenzene	50.000	50.177	-0.4	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.503	-3.0	104	0.02
67 C	Ethyl Benzene	50.000	49.930	0.1#	104	0.02
68 T	m/p-Xylenes	100.000	103.774	-3.8	108	0.02
69 T	o-Xylene	50.000	50.699	-1.4	104	0.00
70 T	Styrene	50.000	51.020	-2.0	105	0.00
71 P	Bromoform	50.000	55.129	-10.3	106	0.02
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	52.376	-4.8	104	0.00
74 T	N-amyl acetate	50.000	56.053	-12.1	109	0.02
75 P	1,1,2,2-Tetrachloroethane	50.000	53.498	-7.0	105	0.00
76 T	1,2,3-Trichloropropane	50.000	54.572	-9.1	108	0.02
77 T	Bromobenzene	50.000	53.378	-6.8	106	0.02
78 T	n-propylbenzene	50.000	52.288	-4.6	106	0.02
79 T	2-Chlorotoluene	50.000	52.843	-5.7	107	0.02
80 T	1,3,5-Trimethylbenzene	50.000	52.883	-5.8	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.105	-16.2	109	0.02
82 T	4-Chlorotoluene	50.000	51.722	-3.4	108	0.00
83 T	tert-Butylbenzene	50.000	53.742	-7.5	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.331	-0.7	101	0.00
85 T	sec-Butylbenzene	50.000	52.859	-5.7	109	0.00
86 T	p-Isopropyltoluene	50.000	53.198	-6.4	107	0.00
87 T	1,3-Dichlorobenzene	50.000	52.358	-4.7	104	0.00
88 T	1,4-Dichlorobenzene	50.000	51.438	-2.9	102	0.00
89 T	n-Butylbenzene	50.000	52.247	-4.5	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.555	-13.1	106	0.02
91 T	1,2-Dichlorobenzene	50.000	51.229	-2.5	107	0.02
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.390	-14.8	109	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.190	-4.4	101	0.00
94 T	Hexachlorobutadiene	50.000	52.677	-5.4	103	0.02
95 T	Naphthalene	50.000	50.045	-0.1	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.874	-1.7	102	0.00

(#) = Out of Range

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