

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW090818\
 Data File : VW005233.D
 Acq On : 08 Sep 2018 03:10
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW090818

Quant Time: Sep 08 04:13:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 03:55:32 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	43.370	13.3	102	0.00
3 P	Chloromethane	50.000	44.957	10.1	108	0.00
4 C	Vinyl Chloride	50.000	47.393	5.2#	106	0.00
5 T	Bromomethane	50.000	50.824	-1.6	110	0.00
6 T	Chloroethane	50.000	47.109	5.8	104	0.00
7 T	Trichlorofluoromethane	50.000	46.514	7.0	101	0.00
8 T	Diethyl Ether	50.000	46.960	6.1	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.227	5.5	102	0.00
10 T	Methyl Iodide	50.000	47.193	5.6	102	0.00
11 T	Tert butyl alcohol	250.000	230.858	7.7	115	0.00
12 CM	1,1-Dichloroethene	50.000	47.278	5.4#	104	0.00
13 T	Acrolein	250.000	252.836	-1.1	115	0.00
14 T	Allyl chloride	50.000	49.883	0.2	110	0.00
15 T	Acrylonitrile	250.000	242.688	2.9	107	0.00
16 T	Acetone	250.000	234.103	6.4	107	0.00
17 T	Carbon Disulfide	50.000	47.919	4.2	105	0.00
18 T	Methyl Acetate	50.000	48.928	2.1	116	0.00
19 T	Methyl tert-butyl Ether	50.000	49.989	0.0	108	0.00
20 T	Methylene Chloride	50.000	47.500	5.0	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.836	6.3	105	0.00
22 T	Diisopropyl ether	50.000	51.723	-3.4	110	0.00
23 T	Vinyl Acetate	250.000	258.248	-3.3	109	0.00
24 P	1,1-Dichloroethane	50.000	48.036	3.9	108	0.00
25 T	2-Butanone	250.000	241.585	3.4	109	0.00
26 T	2,2-Dichloropropane	50.000	46.935	6.1	103	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.985	6.0	106	0.00
28 T	Bromochloromethane	50.000	48.189	3.6	106	0.00
29 T	Tetrahydrofuran	250.000	246.973	1.2	110	0.00
30 C	Chloroform	50.000	47.137	5.7#	107	0.00
31 T	Cyclohexane	50.000	50.820	-1.6	106	0.00
32 T	1,1,1-Trichloroethane	50.000	49.731	0.5	105	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.987	2.0	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	48.746	2.5	107	0.00
36 T	1,1-Dichloropropene	50.000	49.863	0.3	106	0.00
37 T	Ethyl Acetate	50.000	48.582	2.8	108	0.00
38 T	Carbon Tetrachloride	50.000	48.144	3.7	103	0.00
39 T	Methylcyclohexane	50.000	50.583	-1.2	104	0.00
40 TM	Benzene	50.000	48.865	2.3	106	0.00
41 T	Methacrylonitrile	50.000	42.166	15.7	94	0.00
42 TM	1,2-Dichloroethane	50.000	45.156	9.7	104	0.00
43 T	Isopropyl Acetate	50.000	48.781	2.4	108	0.00
44 TM	Trichloroethene	50.000	48.073	3.9	104	0.00
45 C	1,2-Dichloropropane	50.000	49.603	0.8#	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.173	5.7	107	0.00
47 T	Bromodichloromethane	50.000	49.519	1.0	108	0.00
48 T	Methyl methacrylate	50.000	51.638	-3.3	107	0.00
49 T	1,4-Dioxane	1000.000	1025.602	-2.6	108	0.00
50 S	Toluene-d8	50.000	51.693	-3.4	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.305	-2.1	110	0.00
52 CM	Toluene	50.000	48.722	2.6#	105	0.00
53 T	t-1,3-Dichloropropene	50.000	48.973	2.1	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.898	2.2	106	0.00
55 T	1,1,2-Trichloroethane	50.000	46.682	6.6	106	0.00
56 T	Ethyl methacrylate	50.000	51.283	-2.6	107	0.00
57 T	1,3-Dichloropropane	50.000	47.948	4.1	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	262.060	-4.8	111	0.00
59 T	2-Hexanone	250.000	257.567	-3.0	109	0.00
60 T	Dibromochloromethane	50.000	47.691	4.6	105	0.00
61 T	1,2-Dibromoethane	50.000	47.544	4.9	105	0.00
62 S	4-Bromofluorobenzene	50.000	50.371	-0.7	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	48.550	2.9	99	0.00
65 PM	Chlorobenzene	50.000	49.017	2.0	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.881	2.2	105	0.00
67 C	Ethyl Benzene	50.000	50.691	-1.4#	105	0.00
68 T	m/p-Xylenes	100.000	100.102	-0.1	104	0.00
69 T	o-Xylene	50.000	50.071	-0.1	104	0.00
70 T	Styrene	50.000	50.327	-0.7	105	0.00
71 P	Bromoform	50.000	48.367	3.3	103	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	52.351	-4.7	104	0.00
74 T	N-amyl acetate	50.000	52.939	-5.9	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.397	-0.8	105	0.00
76 T	1,2,3-Trichloropropane	50.000	48.612	2.8	105	0.00
77 T	Bromobenzene	50.000	49.698	0.6	102	0.00
78 T	n-propylbenzene	50.000	52.356	-4.7	104	0.00
79 T	2-Chlorotoluene	50.000	51.172	-2.3	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.797	-3.6	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.022	-4.0	107	0.00
82 T	4-Chlorotoluene	50.000	50.713	-1.4	104	0.00
83 T	tert-Butylbenzene	50.000	52.031	-4.1	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.397	-2.8	104	0.00
85 T	sec-Butylbenzene	50.000	51.834	-3.7	103	0.00
86 T	p-Isopropyltoluene	50.000	51.489	-3.0	102	0.00
87 T	1,3-Dichlorobenzene	50.000	49.377	1.2	103	0.00
88 T	1,4-Dichlorobenzene	50.000	49.156	1.7	103	0.00
89 T	n-Butylbenzene	50.000	51.913	-3.8	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.175	-2.3	104	0.00
91 T	1,2-Dichlorobenzene	50.000	49.279	1.4	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.623	-1.2	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.514	-1.0	105	0.00
94 T	Hexachlorobutadiene	50.000	49.029	1.9	100	0.00
95 T	Naphthalene	50.000	46.716	6.6	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.914	0.2	105	0.00

(#) = Out of Range

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