

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW062318\
 Data File : VW003477.D
 Acq On : 23 Jun 2018 23:46
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 25 04:27:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 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	62.047	-24.1#	135	0.00
3 P	Chloromethane	50.000	45.755	8.5	99	0.00
4 C	Vinyl Chloride	50.000	43.199	13.6#	96	0.00
5 T	Bromomethane	50.000	41.400	17.2	91	0.00
6 T	Chloroethane	50.000	40.803	18.4	93	0.00
7 T	Trichlorofluoromethane	50.000	43.592	12.8	95	0.00
8 T	Diethyl Ether	50.000	49.712	0.6	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.959	10.1	99	0.00
10 T	Methyl Iodide	50.000	48.107	3.8	105	0.00
11 T	Tert butyl alcohol	250.000	283.122	-13.2	112	-0.02
12 CM	1,1-Dichloroethene	50.000	45.849	8.3#	103	0.00
13 T	Acrolein	250.000	302.782	-21.1#	131	0.00
14 T	Allyl chloride	50.000	49.771	0.5	108	0.00
15 T	Acrylonitrile	250.000	264.388	-5.8	110	0.00
16 T	Acetone	250.000	222.468	11.0	95	0.00
17 T	Carbon Disulfide	50.000	44.988	10.0	100	0.00
18 T	Methyl Acetate	50.000	54.475	-9.0	117	0.00
19 T	Methyl tert-butyl Ether	50.000	54.679	-9.4	114	0.00
20 T	Methylene Chloride	50.000	49.872	0.3	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.900	4.2	106	0.00
22 T	Diisopropyl ether	50.000	53.515	-7.0	113	0.00
23 T	Vinyl Acetate	250.000	266.007	-6.4	109	0.00
24 P	1,1-Dichloroethane	50.000	49.492	1.0	108	0.00
25 T	2-Butanone	250.000	256.800	-2.7	105	0.00
26 T	2,2-Dichloropropane	50.000	44.773	10.5	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.964	0.1	107	0.00
28 T	Bromochloromethane	50.000	58.126	-16.3	115	0.00
29 T	Tetrahydrofuran	250.000	275.588	-10.2	115	0.00
30 C	Chloroform	50.000	50.639	-1.3#	109	0.00
31 T	Cyclohexane	50.000	44.327	11.3	104	0.00
32 T	1,1,1-Trichloroethane	50.000	47.389	5.2	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.910	-3.8	110	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35 S	Dibromofluoromethane	50.000	49.613	0.8	108	0.00
36 T	1,1-Dichloropropene	50.000	46.225	7.5	103	0.00
37 T	Ethyl Acetate	50.000	51.844	-3.7	113	0.00
38 T	Carbon Tetrachloride	50.000	45.291	9.4	100	0.00
39 T	Methylcyclohexane	50.000	45.833	8.3	102	0.00
40 TM	Benzene	50.000	48.520	3.0	108	0.00
41 T	Methacrylonitrile	50.000	46.795	6.4	102	0.00
42 TM	1,2-Dichloroethane	50.000	48.966	2.1	108	0.00
43 T	Isopropyl Acetate	50.000	52.196	-4.4	112	0.00
44 TM	Trichloroethene	50.000	46.740	6.5	103	0.00
45 C	1,2-Dichloropropane	50.000	49.868	0.3#	110	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.629	0.7	109	0.00
47 T	Bromodichloromethane	50.000	49.526	0.9	109	0.00
48 T	Methyl methacrylate	50.000	53.160	-6.3	110	0.00
49 T	1,4-Dioxane	1000.000	1021.551	-2.2	106	0.00
50 S	Toluene-d8	50.000	49.592	0.8	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	268.513	-7.4	113	0.00
52 CM	Toluene	50.000	48.328	3.3#	107	0.00
53 T	t-1,3-Dichloropropene	50.000	50.031	-0.1	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.077	-0.2	108	0.00
55 T	1,1,2-Trichloroethane	50.000	50.448	-0.9	111	0.00
56 T	Ethyl methacrylate	50.000	54.490	-9.0	112	0.00
57 T	1,3-Dichloropropane	50.000	50.870	-1.7	111	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	278.096	-11.2	117	0.00
59 T	2-Hexanone	250.000	265.623	-6.2	109	0.00
60 T	Dibromochloromethane	50.000	50.368	-0.7	108	0.00
61 T	1,2-Dibromoethane	50.000	50.900	-1.8	110	0.00
62 S	4-Bromofluorobenzene	50.000	50.775	-1.5	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	46.287	7.4	106	0.00
65 PM	Chlorobenzene	50.000	46.709	6.6	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.568	4.9	106	0.00
67 C	Ethyl Benzene	50.000	47.532	4.9#	106	0.00
68 T	m/p-Xylenes	100.000	94.824	5.2	106	0.00
69 T	o-Xylene	50.000	48.812	2.4	107	0.00
70 T	Styrene	50.000	48.995	2.0	106	0.00
71 P	Bromoform	50.000	49.390	1.2	107	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	47.670	4.7	104	0.00
74 T	N-amyl acetate	50.000	52.481	-5.0	112	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.205	-0.4	111	0.00
76 T	1,2,3-Trichloropropane	50.000	49.429	1.1	110	0.00
77 T	Bromobenzene	50.000	47.369	5.3	104	0.00
78 T	n-propylbenzene	50.000	47.485	5.0	103	0.00
79 T	2-Chlorotoluene	50.000	47.954	4.1	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.248	3.5	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.608	0.8	105	0.00
82 T	4-Chlorotoluene	50.000	47.387	5.2	104	0.00
83 T	tert-Butylbenzene	50.000	47.638	4.7	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.447	3.1	105	0.00
85 T	sec-Butylbenzene	50.000	47.103	5.8	102	0.00
86 T	p-Isopropyltoluene	50.000	47.037	5.9	101	0.00
87 T	1,3-Dichlorobenzene	50.000	46.786	6.4	104	0.00
88 T	1,4-Dichlorobenzene	50.000	46.949	6.1	104	0.00
89 T	n-Butylbenzene	50.000	46.600	6.8	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.301	5.4	103	0.00
91 T	1,2-Dichlorobenzene	50.000	48.043	3.9	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.745	-3.5	111	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.807	4.4	104	0.00
94 T	Hexachlorobutadiene	50.000	45.244	9.5	99	0.00
95 T	Naphthalene	50.000	52.354	-4.7	109	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.383	3.2	106	0.00

(#) = Out of Range

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