

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW052319\
 Data File : VW010541.D
 Acq On : 23 May 2019 21:15
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: May 24 09:25:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	44.892	10.2	79	0.00
3 P	Chloromethane	50.000	43.156	13.7	76	0.00
4 C	Vinyl Chloride	50.000	41.274	17.5#	75	0.00
5 T	Bromomethane	50.000	44.449	11.1	82	0.00
6 T	Chloroethane	50.000	44.576	10.8	79	0.00
7 T	Trichlorofluoromethane	50.000	47.539	4.9	88	0.00
8 T	Diethyl Ether	50.000	50.550	-1.1	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.991	4.0	89	0.00
10 T	Methyl Iodide	50.000	49.395	1.2	86	0.00
11 T	Tert butyl alcohol	250.000	258.872	-3.5	102	0.00
12 CM	1,1-Dichloroethene	50.000	48.186	3.6#	89	0.00
13 T	Acrolein	250.000	242.539	3.0	104	0.00
14 T	Allyl chloride	50.000	47.171	5.7	86	0.00
15 T	Acrylonitrile	250.000	247.490	1.0	93	0.00
16 T	Acetone	250.000	226.720	9.3	82	0.00
17 T	Carbon Disulfide	50.000	45.685	8.6	82	0.00
18 T	Methyl Acetate	50.000	48.421	3.2	98	0.00
19 T	Methyl tert-butyl Ether	50.000	51.398	-2.8	94	0.00
20 T	Methylene Chloride	50.000	44.221	11.6	80	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.781	2.4	90	0.00
22 T	Diisopropyl ether	50.000	48.755	2.5	89	0.00
23 T	Vinyl Acetate	250.000	246.888	1.2	89	0.00
24 P	1,1-Dichloroethane	50.000	49.588	0.8	90	0.00
25 T	2-Butanone	250.000	249.844	0.1	94	0.00
26 T	2,2-Dichloropropane	50.000	45.736	8.5	84	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.401	-0.8	92	0.00
28 T	Bromochloromethane	50.000	51.526	-3.1	93	0.00
29 T	Tetrahydrofuran	250.000	245.183	1.9	94	0.00
30 C	Chloroform	50.000	50.494	-1.0#	92	0.00
31 T	Cyclohexane	50.000	43.360	13.3	83	0.00
32 T	1,1,1-Trichloroethane	50.000	48.268	3.5	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.830	-3.7	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	52.351	-4.7	95	0.00
36 T	1,1-Dichloropropene	50.000	47.193	5.6	87	0.00
37 T	Ethyl Acetate	50.000	50.574	-1.1	94	0.00
38 T	Carbon Tetrachloride	50.000	47.980	4.0	87	0.00
39 T	Methylcyclohexane	50.000	46.919	6.2	85	0.00
40 TM	Benzene	50.000	50.487	-1.0	92	0.00
41 T	Methacrylonitrile	50.000	47.760	4.5	94	0.00
42 TM	1,2-Dichloroethane	50.000	50.479	-1.0	93	0.00
43 T	Isopropyl Acetate	50.000	49.308	1.4	92	0.00
44 TM	Trichloroethene	50.000	50.292	-0.6	92	0.00
45 C	1,2-Dichloropropane	50.000	50.081	-0.2#	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.323	-2.6	94	0.00
47 T	Bromodichloromethane	50.000	49.758	0.5	90	0.00
48 T	Methyl methacrylate	50.000	48.135	3.7	89	0.00
49 T	1,4-Dioxane	1000.000	1045.875	-4.6	99	0.00
50 S	Toluene-d8	50.000	51.511	-3.0	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.462	-0.2	93	0.00
52 CM	Toluene	50.000	50.172	-0.3#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	49.219	1.6	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.727	0.5	90	0.00
55 T	1,1,2-Trichloroethane	50.000	52.618	-5.2	96	0.00
56 T	Ethyl methacrylate	50.000	50.150	-0.3	92	0.00
57 T	1,3-Dichloropropane	50.000	51.717	-3.4	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.164	-6.1	101	0.00
59 T	2-Hexanone	250.000	244.361	2.3	91	0.00
60 T	Dibromochloromethane	50.000	52.195	-4.4	95	0.00
61 T	1,2-Dibromoethane	50.000	52.438	-4.9	95	0.00
62 S	4-Bromofluorobenzene	50.000	50.547	-1.1	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	52.548	-5.1	98	0.00
65 PM	Chlorobenzene	50.000	50.270	-0.5	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.566	-1.1	93	0.00
67 C	Ethyl Benzene	50.000	47.982	4.0#	90	0.00
68 T	m/p-Xylenes	100.000	97.813	2.2	91	0.00
69 T	o-Xylene	50.000	50.077	-0.2	94	0.00
70 T	Styrene	50.000	50.326	-0.7	94	0.00
71 P	Bromoform	50.000	50.758	-1.5	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	47.071	5.9	91	0.00
74 T	N-amyl acetate	50.000	45.508	9.0	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.316	5.4	94	0.00
76 T	1,2,3-Trichloropropane	50.000	46.143	7.7	93	0.00
77 T	Bromobenzene	50.000	50.260	-0.5	96	0.00
78 T	n-propylbenzene	50.000	45.725	8.5	89	0.00
79 T	2-Chlorotoluene	50.000	46.678	6.6	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.884	6.2	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.448	13.1	84	0.00
82 T	4-Chlorotoluene	50.000	47.081	5.8	92	0.00
83 T	tert-Butylbenzene	50.000	46.243	7.5	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.274	5.5	91	0.00
85 T	sec-Butylbenzene	50.000	45.825	8.3	89	0.00
86 T	p-Isopropyltoluene	50.000	46.048	7.9	88	0.00
87 T	1,3-Dichlorobenzene	50.000	48.559	2.9	93	0.00
88 T	1,4-Dichlorobenzene	50.000	49.248	1.5	93	0.00
89 T	n-Butylbenzene	50.000	45.320	9.4	87	0.00

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90 T	Hexachloroethane	50.000	45.734	8.5	87	0.00
91 T	1,2-Dichlorobenzene	50.000	49.948	0.1	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.097	7.8	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.576	-1.2	93	0.00
94 T	Hexachlorobutadiene	50.000	49.057	1.9	89	0.00
95 T	Naphthalene	50.000	49.649	0.7	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.391	-2.8	94	0.00

(#) = Out of Range

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