

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW090419\
 Data File : VW012607.D
 Acq On : 04 Sep 2019 22:21
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 05 07:24:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 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	80	0.00
2 T	Dichlorodifluoromethane	50.000	48.226	3.5	70	0.00
3 P	Chloromethane	50.000	47.552	4.9	74	0.00
4 C	Vinyl Chloride	50.000	42.704	14.6#	64	0.00
5 T	Bromomethane	50.000	49.438	1.1	73	-0.01
6 T	Chloroethane	50.000	47.809	4.4	71	-0.01
7 T	Trichlorofluoromethane	50.000	53.645	-7.3	80	-0.01
8 T	Diethyl Ether	50.000	59.740	-19.5	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.635	-7.3	80	-0.01
10 T	Methyl Iodide	50.000	57.626	-15.3	85	0.00
11 T	Tert butyl alcohol	250.000	326.111	-30.4#	99	0.00
12 CM	1,1-Dichloroethene	50.000	52.239	-4.5#	78	0.00
13 T	Acrolein	250.000	312.890	-25.2#	105	0.00
14 T	Allyl chloride	50.000	54.795	-9.6	81	0.00
15 T	Acrylonitrile	250.000	319.336	-27.7#	98	0.00
16 T	Acetone	250.000	275.112	-10.0	75	0.00
17 T	Carbon Disulfide	50.000	47.019	6.0	68	0.00
18 T	Methyl Acetate	50.000	67.863	-35.7#	106	0.00
19 T	Methyl tert-butyl Ether	50.000	66.440	-32.9#	100	0.00
20 T	Methylene Chloride	50.000	58.139	-16.3	92	-0.01
21 T	trans-1,2-Dichloroethene	50.000	55.677	-11.4	83	0.00
22 T	Diisopropyl ether	50.000	60.415	-20.8#	91	0.00
23 T	Vinyl Acetate	250.000	303.721	-21.5#	88	0.00
24 P	1,1-Dichloroethane	50.000	59.389	-18.8	90	0.00
25 T	2-Butanone	250.000	303.331	-21.3#	87	0.00
26 T	2,2-Dichloropropane	50.000	55.053	-10.1	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	60.154	-20.3#	90	0.00
28 T	Bromochloromethane	50.000	53.220	-6.4	89	0.00
29 T	Tetrahydrofuran	250.000	323.601	-29.4#	95	0.00
30 C	Chloroform	50.000	62.565	-25.1#	96	0.00
31 T	Cyclohexane	50.000	46.561	6.9	73	0.00
32 T	1,1,1-Trichloroethane	50.000	60.843	-21.7#	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.820	-9.6	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	53.003	-6.0	84	0.00
36 T	1,1-Dichloropropene	50.000	55.247	-10.5	83	0.00
37 T	Ethyl Acetate	50.000	62.560	-25.1#	94	0.00
38 T	Carbon Tetrachloride	50.000	59.777	-19.6	90	0.00
39 T	Methylcyclohexane	50.000	52.181	-4.4	77	0.00
40 TM	Benzene	50.000	58.486	-17.0	88	0.00
41 T	Methacrylonitrile	50.000	65.918	-31.8#	99	0.00
42 TM	1,2-Dichloroethane	50.000	66.489	-33.0#	101	0.00
43 T	Isopropyl Acetate	50.000	62.321	-24.6#	94	0.00
44 TM	Trichloroethene	50.000	59.740	-19.5	91	0.00
45 C	1,2-Dichloropropane	50.000	59.458	-18.9#	90	0.00

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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)
46 T	Dibromomethane	50.000	64.601	-29.2#	98	0.00
47 T	Bromodichloromethane	50.000	63.760	-27.5#	95	0.00
48 T	Methyl methacrylate	50.000	65.310	-30.6#	95	0.00
49 T	1,4-Dioxane	1000.000	1345.196	-34.5#	101	0.00
50 S	Toluene-d8	50.000	49.574	0.9	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	323.521	-29.4#	96	0.00
52 CM	Toluene	50.000	59.322	-18.6#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	63.690	-27.4#	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	61.482	-23.0#	91	0.00
55 T	1,1,2-Trichloroethane	50.000	64.325	-28.7#	98	0.00
56 T	Ethyl methacrylate	50.000	65.718	-31.4#	96	0.00
57 T	1,3-Dichloropropane	50.000	64.576	-29.2#	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	291.110	-16.4	94	0.00
59 T	2-Hexanone	250.000	311.621	-24.6#	89	0.00
60 T	Dibromochloromethane	50.000	66.285	-32.6#	98	0.00
61 T	1,2-Dibromoethane	50.000	64.942	-29.9#	97	0.00
62 S	4-Bromofluorobenzene	50.000	52.175	-4.3	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	62.666	-25.3#	97	0.00
65 PM	Chlorobenzene	50.000	59.407	-18.8	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	63.803	-27.6#	99	0.00
67 C	Ethyl Benzene	50.000	58.654	-17.3#	92	0.00
68 T	m/p-Xylenes	100.000	116.443	-16.4	91	0.00
69 T	o-Xylene	50.000	59.392	-18.8	92	0.00
70 T	Styrene	50.000	60.843	-21.7#	93	0.00
71 P	Bromoform	50.000	66.765	-33.5#	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	56.967	-13.9	91	0.00
74 T	N-amyl acetate	50.000	59.298	-18.6	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	58.920	-17.8	96	0.00
76 T	1,2,3-Trichloropropane	50.000	57.176	-14.4	94	0.00
77 T	Bromobenzene	50.000	60.096	-20.2#	98	0.00
78 T	n-propylbenzene	50.000	56.498	-13.0	90	0.00
79 T	2-Chlorotoluene	50.000	58.255	-16.5	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.695	-17.4	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	58.532	-17.1	91	0.00
82 T	4-Chlorotoluene	50.000	58.305	-16.6	94	0.00
83 T	tert-Butylbenzene	50.000	59.529	-19.1	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	58.492	-17.0	94	0.00
85 T	sec-Butylbenzene	50.000	56.867	-13.7	91	0.00
86 T	p-Isopropyltoluene	50.000	57.995	-16.0	92	0.00
87 T	1,3-Dichlorobenzene	50.000	59.381	-18.8	98	0.00
88 T	1,4-Dichlorobenzene	50.000	58.623	-17.2	96	0.00
89 T	n-Butylbenzene	50.000	56.343	-12.7	89	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	59.120	-18.2	93	0.00
91 T	1,2-Dichlorobenzene	50.000	60.976	-22.0#	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	64.812	-29.6#	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	61.786	-23.6#	97	0.00
94 T	Hexachlorobutadiene	50.000	61.625	-23.3#	101	0.00
95 T	Naphthalene	50.000	57.361	-14.7	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	62.763	-25.5#	98	0.00

(#) = Out of Range

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