

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082619\
 Data File : VW012196.D
 Acq On : 27 Aug 2019 02:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 27 06:59:08 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	45.900	8.2	78	0.00
3 P	Chloromethane	50.000	48.667	2.7	87	0.00
4 C	Vinyl Chloride	50.000	47.728	4.5#	83	0.00
5 T	Bromomethane	50.000	56.084	-12.2	95	0.00
6 T	Chloroethane	50.000	52.652	-5.3	90	0.00
7 T	Trichlorofluoromethane	50.000	45.369	9.3	78	0.00
8 T	Diethyl Ether	50.000	59.998	-20.0	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.690	0.6	86	-0.01
10 T	Methyl Iodide	50.000	56.306	-12.6	96	0.00
11 T	Tert butyl alcohol	250.000	323.814	-29.5#	114	0.00
12 CM	1,1-Dichloroethene	50.000	51.915	-3.8#	90	0.00
13 T	Acrolein	250.000	263.004	-5.2	102	0.00
14 T	Allyl chloride	50.000	53.634	-7.3	92	0.00
15 T	Acrylonitrile	250.000	318.240	-27.3#	113	0.00
16 T	Acetone	250.000	237.648	4.9	75	0.00
17 T	Carbon Disulfide	50.000	50.237	-0.5	84	0.00
18 T	Methyl Acetate	50.000	66.668	-33.3#	121	0.00
19 T	Methyl tert-butyl Ether	50.000	62.876	-25.8#	109	0.00
20 T	Methylene Chloride	50.000	53.805	-7.6	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.488	-9.0	94	0.00
22 T	Diisopropyl ether	50.000	60.130	-20.3#	105	0.00
23 T	Vinyl Acetate	250.000	307.531	-23.0#	104	0.00
24 P	1,1-Dichloroethane	50.000	56.500	-13.0	99	0.00
25 T	2-Butanone	250.000	302.688	-21.1#	101	0.00
26 T	2,2-Dichloropropane	50.000	48.049	3.9	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	59.141	-18.3	102	0.00
28 T	Bromochloromethane	50.000	55.855	-11.7	109	0.00
29 T	Tetrahydrofuran	250.000	337.267	-34.9#	115	0.00
30 C	Chloroform	50.000	57.171	-14.3#	102	0.00
31 T	Cyclohexane	50.000	48.741	2.5	88	0.00
32 T	1,1,1-Trichloroethane	50.000	54.983	-10.0	97	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.341	-6.7	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	49.587	0.8	97	0.00
36 T	1,1-Dichloropropene	50.000	51.192	-2.4	95	0.00
37 T	Ethyl Acetate	50.000	60.312	-20.6#	112	0.00
38 T	Carbon Tetrachloride	50.000	50.417	-0.8	93	0.00
39 T	Methylcyclohexane	50.000	50.445	-0.9	91	0.00
40 TM	Benzene	50.000	54.110	-8.2	100	0.00
41 T	Methacrylonitrile	50.000	63.502	-27.0#	118	0.00
42 TM	1,2-Dichloroethane	50.000	56.838	-13.7	106	0.00
43 T	Isopropyl Acetate	50.000	63.084	-26.2#	116	0.00
44 TM	Trichloroethene	50.000	53.878	-7.8	101	0.00
45 C	1,2-Dichloropropane	50.000	56.343	-12.7#	105	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	57.752	-15.5	108	0.00
47 T	Bromodichloromethane	50.000	56.157	-12.3	103	0.00
48 T	Methyl methacrylate	50.000	64.401	-28.8#	115	0.00
49 T	1,4-Dioxane	1000.000	1172.117	-17.2	109	0.00
50 S	Toluene-d8	50.000	48.915	2.2	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	320.951	-28.4#	118	0.00
52 CM	Toluene	50.000	55.052	-10.1#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	58.825	-17.7	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.972	-13.9	103	0.00
55 T	1,1,2-Trichloroethane	50.000	58.990	-18.0	111	0.00
56 T	Ethyl methacrylate	50.000	65.074	-30.1#	117	0.00
57 T	1,3-Dichloropropane	50.000	59.375	-18.8	110	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	303.727	-21.5#	121	0.00
59 T	2-Hexanone	250.000	308.961	-23.6#	108	0.00
60 T	Dibromochloromethane	50.000	63.887	-27.8#	116	0.00
61 T	1,2-Dibromoethane	50.000	61.208	-22.4#	113	0.00
62 S	4-Bromofluorobenzene	50.000	50.773	-1.5	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64 T	Tetrachloroethene	50.000	55.235	-10.5	104	0.00
65 PM	Chlorobenzene	50.000	53.936	-7.9	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.308	-10.6	105	0.00
67 C	Ethyl Benzene	50.000	53.571	-7.1#	102	0.00
68 T	m/p-Xylenes	100.000	107.106	-7.1	102	0.00
69 T	o-Xylene	50.000	55.634	-11.3	105	0.00
70 T	Styrene	50.000	55.796	-11.6	104	0.00
71 P	Bromoform	50.000	60.143	-20.3#	115	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	54.102	-8.2	101	0.00
74 T	N-amyl acetate	50.000	64.307	-28.6#	117	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	60.476	-21.0#	115	0.00
76 T	1,2,3-Trichloropropane	50.000	56.699	-13.4	108	0.00
77 T	Bromobenzene	50.000	57.628	-15.3	109	0.00
78 T	n-propylbenzene	50.000	53.112	-6.2	98	0.00
79 T	2-Chlorotoluene	50.000	54.546	-9.1	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.703	-9.4	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.006	-18.0	107	0.00
82 T	4-Chlorotoluene	50.000	54.289	-8.6	102	0.00
83 T	tert-Butylbenzene	50.000	54.958	-9.9	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.585	-9.2	102	0.00
85 T	sec-Butylbenzene	50.000	53.791	-7.6	101	0.00
86 T	p-Isopropyltoluene	50.000	53.979	-8.0	100	0.00
87 T	1,3-Dichlorobenzene	50.000	53.984	-8.0	104	0.00
88 T	1,4-Dichlorobenzene	50.000	54.212	-8.4	104	0.00
89 T	n-Butylbenzene	50.000	52.360	-4.7	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.118	-10.2	101	0.00
91 T	1,2-Dichlorobenzene	50.000	56.251	-12.5	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	62.906	-25.8#	122	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.361	-14.7	105	0.00
94 T	Hexachlorobutadiene	50.000	52.388	-4.8	100	0.00
95 T	Naphthalene	50.000	60.666	-21.3#	122	0.00
96 T	1,2,3-Trichlorobenzene	50.000	59.972	-19.9	110	0.00

(#) = Out of Range

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