

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011412.D
 Acq On : 20 Jul 2019 08:49
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 22 01:22:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	45.730	8.5	77	0.00
3 P	Chloromethane	50.000	55.448	-10.9	95	0.00
4 C	Vinyl Chloride	50.000	52.459	-4.9#	85	0.00
5 T	Bromomethane	50.000	52.193	-4.4	84	-0.01
6 T	Chloroethane	50.000	54.388	-8.8	86	0.00
7 T	Trichlorofluoromethane	50.000	60.582	-21.2#	97	0.00
8 T	Diethyl Ether	50.000	58.832	-17.7	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.242	-8.5	87	0.00
10 T	Methyl Iodide	50.000	56.672	-13.3	89	0.00
11 T	Tert butyl alcohol	250.000	324.131	-29.7#	108	0.00
12 CM	1,1-Dichloroethene	50.000	55.761	-11.5#	89	0.00
13 T	Acrolein	250.000	303.794	-21.5#	99	0.00
14 T	Allyl chloride	50.000	60.802	-21.6#	95	0.00
15 T	Acrylonitrile	250.000	331.084	-32.4#	108	0.00
16 T	Acetone	250.000	292.990	-17.2	95	0.00
17 T	Carbon Disulfide	50.000	52.073	-4.1	82	0.00
18 T	Methyl Acetate	50.000	69.327	-38.7#	126	0.00
19 T	Methyl tert-butyl Ether	50.000	61.806	-23.6#	98	0.00
20 T	Methylene Chloride	50.000	57.877	-15.8	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.960	-13.9	90	0.00
22 T	Diisopropyl ether	50.000	58.709	-17.4	93	0.00
23 T	Vinyl Acetate	250.000	294.063	-17.6	89	0.00
24 P	1,1-Dichloroethane	50.000	58.458	-16.9	93	0.00
25 T	2-Butanone	250.000	316.922	-26.8#	104	0.00
26 T	2,2-Dichloropropane	50.000	52.150	-4.3	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.587	-17.2	93	0.00
28 T	Bromochloromethane	50.000	49.906	0.2	83	0.00
29 T	Tetrahydrofuran	250.000	317.856	-27.1#	104	0.00
30 C	Chloroform	50.000	57.108	-14.2#	93	0.00
31 T	Cyclohexane	50.000	52.478	-5.0	87	0.00
32 T	1,1,1-Trichloroethane	50.000	57.480	-15.0	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.171	-0.3	84	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	51.579	-3.2	88	0.00
36 T	1,1-Dichloropropene	50.000	54.978	-10.0	89	0.00
37 T	Ethyl Acetate	50.000	60.718	-21.4#	101	0.00
38 T	Carbon Tetrachloride	50.000	55.064	-10.1	89	0.00
39 T	Methylcyclohexane	50.000	55.573	-11.1	88	0.00
40 TM	Benzene	50.000	56.687	-13.4	92	0.00
41 T	Methacrylonitrile	50.000	66.960	-33.9#	117	0.00
42 TM	1,2-Dichloroethane	50.000	56.030	-12.1	92	0.00
43 T	Isopropyl Acetate	50.000	59.647	-19.3	98	0.00
44 TM	Trichloroethene	50.000	56.750	-13.5	93	0.00
45 C	1,2-Dichloropropane	50.000	57.648	-15.3#	94	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	57.778	-15.6	95	0.00
47 T	Bromodichloromethane	50.000	56.775	-13.5	92	0.00
48 T	Methyl methacrylate	50.000	61.570	-23.1#	100	0.00
49 T	1,4-Dioxane	1000.000	1282.812	-28.3#	105	0.00
50 S	Toluene-d8	50.000	50.267	-0.5	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	310.953	-24.4#	103	0.00
52 CM	Toluene	50.000	56.811	-13.6#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	53.742	-7.5	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.616	-7.2	86	0.00
55 T	1,1,2-Trichloroethane	50.000	57.937	-15.9	96	0.00
56 T	Ethyl methacrylate	50.000	59.997	-20.0	98	0.00
57 T	1,3-Dichloropropane	50.000	58.091	-16.2	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	276.012	-10.4	94	0.00
59 T	2-Hexanone	250.000	305.559	-22.2#	101	0.00
60 T	Dibromochloromethane	50.000	57.488	-15.0	93	0.00
61 T	1,2-Dibromoethane	50.000	58.980	-18.0	97	0.00
62 S	4-Bromofluorobenzene	50.000	50.112	-0.2	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	62.828	-25.7#	104	0.00
65 PM	Chlorobenzene	50.000	56.364	-12.7	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.110	-14.2	93	0.00
67 C	Ethyl Benzene	50.000	57.049	-14.1#	91	0.00
68 T	m/p-Xylenes	100.000	113.338	-13.3	91	0.00
69 T	o-Xylene	50.000	57.209	-14.4	92	0.00
70 T	Styrene	50.000	57.940	-15.9	92	0.00
71 P	Bromoform	50.000	58.475	-17.0	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73 T	Isopropylbenzene	50.000	58.617	-17.2	92	0.00
74 T	N-amyl acetate	50.000	58.056	-16.1	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	59.927	-19.9	98	0.00
76 T	1,2,3-Trichloropropane	50.000	55.106	-10.2	97	0.00
77 T	Bromobenzene	50.000	57.858	-15.7	94	0.00
78 T	n-propylbenzene	50.000	57.181	-14.4	90	0.00
79 T	2-Chlorotoluene	50.000	56.773	-13.5	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	58.068	-16.1	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.328	-0.7	81	0.00
82 T	4-Chlorotoluene	50.000	56.583	-13.2	91	0.00
83 T	tert-Butylbenzene	50.000	58.858	-17.7	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.167	-14.3	90	0.00
85 T	sec-Butylbenzene	50.000	57.384	-14.8	90	0.00
86 T	p-Isopropyltoluene	50.000	57.212	-14.4	89	0.00
87 T	1,3-Dichlorobenzene	50.000	56.797	-13.6	91	0.00
88 T	1,4-Dichlorobenzene	50.000	55.911	-11.8	90	0.00
89 T	n-Butylbenzene	50.000	55.508	-11.0	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.592	-13.2	89	0.00
91 T	1,2-Dichlorobenzene	50.000	57.224	-14.4	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.339	-18.7	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.691	-15.4	90	0.00
94 T	Hexachlorobutadiene	50.000	57.706	-15.4	89	0.00
95 T	Naphthalene	50.000	64.923	-29.8#	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	59.222	-18.4	90	0.00

(#) = Out of Range

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