

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW062019\
 Data File : VW010903.D
 Acq On : 20 Jun 2019 20:51
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 21 08:46:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 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	75	0.00
2 T	Dichlorodifluoromethane	50.000	48.782	2.4	85	0.00
3 P	Chloromethane	50.000	55.217	-10.4	93	0.00
4 C	Vinyl Chloride	50.000	51.913	-3.8#	86	0.00
5 T	Bromomethane	50.000	55.632	-11.3	94	-0.01
6 T	Chloroethane	50.000	55.411	-10.8	88	0.00
7 T	Trichlorofluoromethane	50.000	56.899	-13.8	91	0.00
8 T	Diethyl Ether	50.000	62.096	-24.2#	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.849	-13.7	89	0.00
10 T	Methyl Iodide	50.000	51.890	-3.8	86	0.00
11 T	Tert butyl alcohol	250.000	387.566	-55.0#	129	0.00
12 CM	1,1-Dichloroethene	50.000	55.846	-11.7#	88	0.00
13 T	Acrolein	250.000	242.947	2.8	71	0.00
14 T	Allyl chloride	50.000	61.481	-23.0#	96	0.00
15 T	Acrylonitrile	250.000	339.023	-35.6#	111	0.00
16 T	Acetone	250.000	346.715	-38.7#	104	0.00
17 T	Carbon Disulfide	50.000	51.189	-2.4	82	0.00
18 T	Methyl Acetate	50.000	72.521	-45.0#	123	0.00
19 T	Methyl tert-butyl Ether	50.000	64.556	-29.1#	102	0.00
20 T	Methylene Chloride	50.000	60.306	-20.6#	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	59.084	-18.2	92	0.00
22 T	Diisopropyl ether	50.000	65.531	-31.1#	102	0.00
23 T	Vinyl Acetate	250.000	329.325	-31.7#	102	0.00
24 P	1,1-Dichloroethane	50.000	62.886	-25.8#	99	0.00
25 T	2-Butanone	250.000	355.978	-42.4#	110	0.00
26 T	2,2-Dichloropropane	50.000	58.776	-17.6	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	61.874	-23.7#	97	0.00
28 T	Bromochloromethane	50.000	63.191	-26.4#	96	0.00
29 T	Tetrahydrofuran	250.000	344.996	-38.0#	113	0.00
30 C	Chloroform	50.000	63.491	-27.0#	100	0.00
31 T	Cyclohexane	50.000	54.137	-8.3	90	0.00
32 T	1,1,1-Trichloroethane	50.000	60.595	-21.2#	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	62.059	-24.1#	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35 S	Dibromofluoromethane	50.000	61.821	-23.6#	90	0.00
36 T	1,1-Dichloropropene	50.000	57.972	-15.9	92	0.00
37 T	Ethyl Acetate	50.000	66.963	-33.9#	110	0.00
38 T	Carbon Tetrachloride	50.000	58.228	-16.5	90	0.00
39 T	Methylcyclohexane	50.000	55.024	-10.0	87	0.00
40 TM	Benzene	50.000	60.280	-20.6#	96	0.00
41 T	Methacrylonitrile	50.000	66.100	-32.2#	107	0.00
42 TM	1,2-Dichloroethane	50.000	64.569	-29.1#	103	0.00
43 T	Isopropyl Acetate	50.000	67.790	-35.6#	109	0.00
44 TM	Trichloroethene	50.000	58.377	-16.8	93	0.00
45 C	1,2-Dichloropropane	50.000	63.410	-26.8#	100	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	63.827	-27.7#	102	0.00
47 T	Bromodichloromethane	50.000	62.860	-25.7#	99	0.00
48 T	Methyl methacrylate	50.000	66.980	-34.0#	106	0.00
49 T	1,4-Dioxane	1000.000	1347.376	-34.7#	115	0.00
50 S	Toluene-d8	50.000	56.468	-12.9	86	0.00
51 T	4-Methyl-2-Pentanone	250.000	352.294	-40.9#	115	0.00
52 CM	Toluene	50.000	60.646	-21.3#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	62.706	-25.4#	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	61.952	-23.9#	97	0.00
55 T	1,1,2-Trichloroethane	50.000	64.859	-29.7#	103	0.00
56 T	Ethyl methacrylate	50.000	65.865	-31.7#	104	0.00
57 T	1,3-Dichloropropane	50.000	65.120	-30.2#	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	300.987	-20.4#	102	0.00
59 T	2-Hexanone	250.000	346.631	-38.7#	111	0.00
60 T	Dibromochloromethane	50.000	62.992	-26.0#	98	0.00
61 T	1,2-Dibromoethane	50.000	63.362	-26.7#	101	0.00
62 S	4-Bromofluorobenzene	50.000	58.682	-17.4	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64 T	Tetrachloroethene	50.000	61.269	-22.5#	99	0.00
65 PM	Chlorobenzene	50.000	59.274	-18.5	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	61.107	-22.2#	98	0.00
67 C	Ethyl Benzene	50.000	58.958	-17.9#	97	0.00
68 T	m/p-Xylenes	100.000	117.398	-17.4	96	0.00
69 T	o-Xylene	50.000	59.389	-18.8	97	0.00
70 T	Styrene	50.000	61.051	-22.1#	100	0.00
71 P	Bromoform	50.000	60.811	-21.6#	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73 T	Isopropylbenzene	50.000	57.756	-15.5	97	0.00
74 T	N-amyl acetate	50.000	66.766	-33.5#	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	62.733	-25.5#	107	0.00
76 T	1,2,3-Trichloropropane	50.000	62.069	-24.1#	108	0.00
77 T	Bromobenzene	50.000	59.671	-19.3	100	0.00
78 T	n-propylbenzene	50.000	58.485	-17.0	98	0.00
79 T	2-Chlorotoluene	50.000	59.196	-18.4	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	59.625	-19.3	100	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.669	-19.3	99	0.00
82 T	4-Chlorotoluene	50.000	59.525	-19.0	101	0.00
83 T	tert-Butylbenzene	50.000	58.545	-17.1	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	59.915	-19.8	101	0.00
85 T	sec-Butylbenzene	50.000	58.162	-16.3	97	0.00
86 T	p-Isopropyltoluene	50.000	58.359	-16.7	98	0.00
87 T	1,3-Dichlorobenzene	50.000	59.873	-19.7	100	0.00
88 T	1,4-Dichlorobenzene	50.000	59.830	-19.7	102	0.00
89 T	n-Butylbenzene	50.000	59.204	-18.4	99	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	58.829	-17.7	96	0.00
91 T	1,2-Dichlorobenzene	50.000	60.402	-20.8#	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	65.061	-30.1#	114	0.00
93 T	1,2,4-Trichlorobenzene	50.000	61.734	-23.5#	102	0.00
94 T	Hexachlorobutadiene	50.000	59.461	-18.9	100	0.00
95 T	Naphthalene	50.000	64.725	-29.4#	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	64.315	-28.6#	106	0.00

(#) = Out of Range

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