

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011994.D
 Acq On : 19 Aug 2019 16:23
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 19 16:49:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	51.011	-2.0	100	0.00
3 P	Chloromethane	50.000	50.564	-1.1	105	0.00
4 C	Vinyl Chloride	50.000	54.478	-9.0#	105	0.00
5 T	Bromomethane	50.000	51.339	-2.7	102	0.00
6 T	Chloroethane	50.000	55.407	-10.8	106	0.00
7 T	Trichlorofluoromethane	50.000	61.495	-23.0#	115	0.00
8 T	Diethyl Ether	50.000	53.665	-7.3	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	56.752	-13.5	107	0.00
10 T	Methyl Iodide	50.000	57.245	-14.5	106	0.00
11 T	Tert butyl alcohol	250.000	260.930	-4.4	104	0.00
12 CM	1,1-Dichloroethene	50.000	56.039	-12.1#	106	0.00
13 T	Acrolein	250.000	195.544	21.8#	80	0.00
14 T	Allyl chloride	50.000	55.939	-11.9	105	0.00
15 T	Acrylonitrile	250.000	273.305	-9.3	103	0.00
16 T	Acetone	250.000	238.904	4.4	91	0.00
17 T	Carbon Disulfide	50.000	51.965	-3.9	97	0.00
18 T	Methyl Acetate	50.000	50.866	-1.7	96	0.00
19 T	Methyl tert-butyl Ether	50.000	56.204	-12.4	104	0.00
20 T	Methylene Chloride	50.000	50.740	-1.5	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.849	-11.7	107	0.00
22 T	Diisopropyl ether	50.000	56.175	-12.3	106	0.00
23 T	Vinyl Acetate	250.000	276.434	-10.6	102	0.00
24 P	1,1-Dichloroethane	50.000	56.029	-12.1	106	0.00
25 T	2-Butanone	250.000	251.759	-0.7	92	0.00
26 T	2,2-Dichloropropane	50.000	51.439	-2.9	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.037	-12.1	108	0.00
28 T	Bromochloromethane	50.000	54.296	-8.6	114	0.00
29 T	Tetrahydrofuran	250.000	269.966	-8.0	100	0.00
30 C	Chloroform	50.000	55.153	-10.3#	107	0.00
31 T	Cyclohexane	50.000	54.398	-8.8	107	0.00
32 T	1,1,1-Trichloroethane	50.000	58.193	-16.4	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.275	7.5	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	50.541	-1.1	96	0.00
36 T	1,1-Dichloropropene	50.000	58.210	-16.4	108	0.00
37 T	Ethyl Acetate	50.000	54.111	-8.2	99	0.00
38 T	Carbon Tetrachloride	50.000	58.859	-17.7	108	0.00
39 T	Methylcyclohexane	50.000	60.056	-20.1#	110	0.00
40 TM	Benzene	50.000	57.241	-14.5	108	0.00
41 T	Methacrylonitrile	50.000	54.195	-8.4	101	0.00
42 TM	1,2-Dichloroethane	50.000	55.756	-11.5	104	0.00
43 T	Isopropyl Acetate	50.000	56.609	-13.2	103	0.00
44 TM	Trichloroethene	50.000	58.800	-17.6	110	0.00
45 C	1,2-Dichloropropane	50.000	57.923	-15.8#	107	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	56.255	-12.5	104	0.00
47 T	Bromodichloromethane	50.000	57.480	-15.0	106	0.00
48 T	Methyl methacrylate	50.000	56.754	-13.5	101	0.00
49 T	1,4-Dioxane	1000.000	1238.248	-23.8#	112	0.00
50 S	Toluene-d8	50.000	50.392	-0.8	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	279.838	-11.9	100	0.00
52 CM	Toluene	50.000	58.491	-17.0#	109	0.00
53 T	t-1,3-Dichloropropene	50.000	58.178	-16.4	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	58.543	-17.1	106	0.00
55 T	1,1,2-Trichloroethane	50.000	57.572	-15.1	106	0.00
56 T	Ethyl methacrylate	50.000	59.698	-19.4	105	0.00
57 T	1,3-Dichloropropane	50.000	57.559	-15.1	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	327.864	-31.1#	117	0.00
59 T	2-Hexanone	250.000	286.695	-14.7	100	0.00
60 T	Dibromochloromethane	50.000	57.888	-15.8	105	0.00
61 T	1,2-Dibromoethane	50.000	57.235	-14.5	105	0.00
62 S	4-Bromofluorobenzene	50.000	50.044	-0.1	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64 T	Tetrachloroethene	50.000	59.065	-18.1	111	0.00
65 PM	Chlorobenzene	50.000	58.384	-16.8	109	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	59.230	-18.5	108	0.00
67 C	Ethyl Benzene	50.000	59.586	-19.2#	109	0.00
68 T	m/p-Xylenes	100.000	118.854	-18.9	109	0.00
69 T	o-Xylene	50.000	60.134	-20.3#	108	0.00
70 T	Styrene	50.000	60.033	-20.1#	108	0.00
71 P	Bromoform	50.000	59.324	-18.6	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	60.533	-21.1#	111	0.00
74 T	N-amyl acetate	50.000	60.990	-22.0#	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.167	-14.3	103	0.00
76 T	1,2,3-Trichloropropane	50.000	54.091	-8.2	105	0.00
77 T	Bromobenzene	50.000	58.747	-17.5	107	0.00
78 T	n-propylbenzene	50.000	60.548	-21.1#	111	0.00
79 T	2-Chlorotoluene	50.000	59.335	-18.7	110	0.00
80 T	1,3,5-Trimethylbenzene	50.000	60.782	-21.6#	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	60.697	-21.4#	106	0.00
82 T	4-Chlorotoluene	50.000	57.810	-15.6	106	0.00
83 T	tert-Butylbenzene	50.000	62.368	-24.7#	113	0.00
84 T	1,2,4-Trimethylbenzene	50.000	60.263	-20.5#	110	0.00
85 T	sec-Butylbenzene	50.000	61.820	-23.6#	113	0.00
86 T	p-Isopropyltoluene	50.000	61.767	-23.5#	112	0.00
87 T	1,3-Dichlorobenzene	50.000	58.999	-18.0	109	0.00
88 T	1,4-Dichlorobenzene	50.000	58.521	-17.0	109	0.00
89 T	n-Butylbenzene	50.000	62.179	-24.4#	113	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	61.097	-22.2#	110	0.00
91 T	1,2-Dichlorobenzene	50.000	58.927	-17.9	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.323	-14.6	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	60.137	-20.3#	109	0.00
94 T	Hexachlorobutadiene	50.000	62.471	-24.9#	115	0.00
95 T	Naphthalene	50.000	56.111	-12.2	105	0.00
96 T	1,2,3-Trichlorobenzene	50.000	60.084	-20.2#	108	0.00

(#) = Out of Range

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