

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW092319\
 Data File : VW013265.D
 Acq On : 24 Sep 2019 08:05
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 24 09:06:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 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	94	0.00
2 T	Dichlorodifluoromethane	50.000	19.164	61.7#	38	0.00
3 P	Chloromethane	50.000	20.963	58.1#	43	0.00
4 C	Vinyl Chloride	50.000	20.243	59.5#	40	0.00
5 T	Bromomethane	50.000	20.005	60.0#	38	-0.01
6 T	Chloroethane	50.000	20.471	59.1#	39	-0.02
7 T	Trichlorofluoromethane	50.000	16.082	67.8#	31	0.00
8 T	Diethyl Ether	50.000	22.934	54.1#	43	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	19.791	60.4#	38	0.00
10 T	Methyl Iodide	50.000	20.482	59.0#	38	0.00
11 T	Tert butyl alcohol	250.000	122.157	51.1#	53	0.01
12 CM	1,1-Dichloroethene	50.000	19.363	61.3#	37	0.00
13 T	Acrolein	250.000	65.838	73.7#	23	0.00
14 T	Allyl chloride	50.000	19.458	61.1#	36	0.00
15 T	Acrylonitrile	250.000	119.269	52.3#	46	0.00
16 T	Acetone	250.000	93.874	62.5#	37	0.00
17 T	Carbon Disulfide	50.000	17.164	65.7#	32	0.00
18 T	Methyl Acetate	50.000	32.756	34.5#	66	0.00
19 T	Methyl tert-butyl Ether	50.000	22.472	55.1#	42	0.00
20 T	Methylene Chloride	50.000	23.571	52.9#	46	0.00
21 T	trans-1,2-Dichloroethene	50.000	20.860	58.3#	39	0.00
22 T	Diisopropyl ether	50.000	21.504	57.0#	40	0.00
23 T	Vinyl Acetate	250.000	97.631	60.9#	36	0.00
24 P	1,1-Dichloroethane	50.000	20.741	58.5#	39	0.00
25 T	2-Butanone	250.000	113.155	54.7#	45	0.00
26 T	2,2-Dichloropropane	50.000	14.763	70.5#	31	0.00
27 T	cis-1,2-Dichloroethene	50.000	21.070	57.9#	39	0.00
28 T	Bromochloromethane	50.000	18.639	62.7#	32	0.00
29 T	Tetrahydrofuran	250.000	126.405	49.4#	49	0.00
30 C	Chloroform	50.000	20.604	58.8#	40	0.00
31 T	Cyclohexane	50.000	19.912	60.2#	39	0.00
32 T	1,1,1-Trichloroethane	50.000	19.819	60.4#	37	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.694	-5.4	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	48.926	2.1	96	0.00
36 T	1,1-Dichloropropene	50.000	19.034	61.9#	38	0.00
37 T	Ethyl Acetate	50.000	22.097	55.8#	45	0.00
38 T	Carbon Tetrachloride	50.000	18.508	63.0#	36	0.00
39 T	Methylcyclohexane	50.000	19.414	61.2#	38	0.00
40 TM	Benzene	50.000	20.292	59.4#	40	0.00
41 T	Methacrylonitrile	50.000	26.051	47.9#	51	0.00
42 TM	1,2-Dichloroethane	50.000	20.182	59.6#	40	0.00
43 T	Isopropyl Acetate	50.000	21.779	56.4#	44	0.00
44 TM	Trichloroethene	50.000	20.202	59.6#	40	0.00
45 C	1,2-Dichloropropane	50.000	20.562	58.9#	41	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	20.626	58.7#	41	0.00
47 T	Bromodichloromethane	50.000	19.243	61.5#	37	0.00
48 T	Methyl methacrylate	50.000	22.269	55.5#	45	0.00
49 T	1,4-Dioxane	1000.000	515.808	48.4#	59	0.00
50 S	Toluene-d8	50.000	49.912	0.2	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	117.502	53.0#	47	0.00
52 CM	Toluene	50.000	20.082	59.8#	39	0.00
53 T	t-1,3-Dichloropropene	50.000	19.275	61.5#	37	0.00
54 T	cis-1,3-Dichloropropene	50.000	19.027	61.9#	37	0.00
55 T	1,1,2-Trichloroethane	50.000	20.811	58.4#	42	0.00
56 T	Ethyl methacrylate	50.000	22.185	55.6#	43	0.00
57 T	1,3-Dichloropropane	50.000	21.272	57.5#	42	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	115.555	53.8#	43	0.00
59 T	2-Hexanone	250.000	116.942	53.2#	47	0.00
60 T	Dibromochloromethane	50.000	20.171	59.7#	39	0.00
61 T	1,2-Dibromoethane	50.000	21.034	57.9#	42	0.00
62 S	4-Bromofluorobenzene	50.000	50.773	-1.5	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	23.184	53.6#	47	0.00
65 PM	Chlorobenzene	50.000	19.758	60.5#	40	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	19.993	60.0#	40	0.00
67 C	Ethyl Benzene	50.000	20.158	59.7#	40	0.00
68 T	m/p-Xylenes	100.000	39.876	60.1#	39	0.00
69 T	o-Xylene	50.000	20.057	59.9#	40	0.00
70 T	Styrene	50.000	20.056	59.9#	39	0.00
71 P	Bromoform	50.000	19.824	60.4#	40	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	20.473	59.1#	40	0.00
74 T	N-amyl acetate	50.000	21.835	56.3#	43	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	21.202	57.6#	43	0.00
76 T	1,2,3-Trichloropropane	50.000	23.027	53.9#	43	0.00
77 T	Bromobenzene	50.000	20.598	58.8#	40	0.00
78 T	n-propylbenzene	50.000	20.030	59.9#	39	0.00
79 T	2-Chlorotoluene	50.000	20.499	59.0#	40	0.00
80 T	1,3,5-Trimethylbenzene	50.000	20.498	59.0#	40	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	18.705	62.6#	37	0.00
82 T	4-Chlorotoluene	50.000	19.663	60.7#	39	0.00
83 T	tert-Butylbenzene	50.000	20.748	58.5#	40	0.00
84 T	1,2,4-Trimethylbenzene	50.000	21.466	57.1#	42	0.00
85 T	sec-Butylbenzene	50.000	20.402	59.2#	39	0.00
86 T	p-Isopropyltoluene	50.000	20.203	59.6#	39	0.00
87 T	1,3-Dichlorobenzene	50.000	19.801	60.4#	39	0.00
88 T	1,4-Dichlorobenzene	50.000	19.987	60.0#	39	0.00
89 T	n-Butylbenzene	50.000	19.978	60.0#	38	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	19.572	60.9#	38	0.00
91 T	1,2-Dichlorobenzene	50.000	20.409	59.2#	40	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	23.151	53.7#	46	0.00
93 T	1,2,4-Trichlorobenzene	50.000	20.442	59.1#	39	0.00
94 T	Hexachlorobutadiene	50.000	19.540	60.9#	39	0.00
95 T	Naphthalene	50.000	29.514	41.0#	55	0.00
96 T	1,2,3-Trichlorobenzene	50.000	21.725	56.5#	42	0.00

(#) = Out of Range

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