

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW090919\
 Data File : VW012838.D
 Acq On : 09 Sep 2019 22:53
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 10 07:39:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 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	73	0.00
2 T	Dichlorodifluoromethane	50.000	42.826	14.3	62	0.00
3 P	Chloromethane	50.000	44.241	11.5	65	0.00
4 C	Vinyl Chloride	50.000	47.158	5.7#	68	0.00
5 T	Bromomethane	50.000	52.177	-4.4	72	0.00
6 T	Chloroethane	50.000	49.497	1.0	69	0.00
7 T	Trichlorofluoromethane	50.000	43.883	12.2	60	0.00
8 T	Diethyl Ether	50.000	56.276	-12.6	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.601	0.8	68	0.00
10 T	Methyl Iodide	50.000	49.516	1.0	68	0.00
11 T	Tert butyl alcohol	250.000	305.606	-22.2#	86	0.03
12 CM	1,1-Dichloroethene	50.000	47.641	4.7#	68	0.00
13 T	Acrolein	250.000	258.713	-3.5	81	0.00
14 T	Allyl chloride	50.000	45.833	8.3	63	0.00
15 T	Acrylonitrile	250.000	289.403	-15.8	79	0.00
16 T	Acetone	250.000	234.251	6.3	62	0.01
17 T	Carbon Disulfide	50.000	43.793	12.4	62	0.00
18 T	Methyl Acetate	50.000	58.708	-17.4	85	0.00
19 T	Methyl tert-butyl Ether	50.000	55.824	-11.6	74	0.00
20 T	Methylene Chloride	50.000	49.992	0.0	73	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.833	2.3	67	0.00
22 T	Diisopropyl ether	50.000	50.382	-0.8	67	0.00
23 T	Vinyl Acetate	250.000	268.285	-7.3	71	0.00
24 P	1,1-Dichloroethane	50.000	48.989	2.0	66	0.00
25 T	2-Butanone	250.000	245.207	1.9	74	0.00
26 T	2,2-Dichloropropane	50.000	47.086	5.8	63	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.143	-2.3	69	0.00
28 T	Bromochloromethane	50.000	48.891	2.2	68	0.00
29 T	Tetrahydrofuran	250.000	289.228	-15.7	80	0.00
30 C	Chloroform	50.000	49.374	1.3#	68	0.00
31 T	Cyclohexane	50.000	44.989	10.0	67	0.00
32 T	1,1,1-Trichloroethane	50.000	49.643	0.7	68	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.633	2.7	69	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	49.056	1.9	70	0.00
36 T	1,1-Dichloropropene	50.000	49.447	1.1	67	0.00
37 T	Ethyl Acetate	50.000	57.586	-15.2	80	0.00
38 T	Carbon Tetrachloride	50.000	50.455	-0.9	68	0.00
39 T	Methylcyclohexane	50.000	49.624	0.8	69	0.00
40 TM	Benzene	50.000	49.740	0.5	68	0.00
41 T	Methacrylonitrile	50.000	51.603	-3.2	77	0.00
42 TM	1,2-Dichloroethane	50.000	51.097	-2.2	71	0.00
43 T	Isopropyl Acetate	50.000	56.412	-12.8	77	0.00
44 TM	Trichloroethene	50.000	51.165	-2.3	71	0.00
45 C	1,2-Dichloropropane	50.000	50.341	-0.7#	71	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	55.387	-10.8	78	0.00
47 T	Bromodichloromethane	50.000	51.678	-3.4	70	0.00
48 T	Methyl methacrylate	50.000	55.519	-11.0	78	0.00
49 T	1,4-Dioxane	1000.000	1202.397	-20.2#	90	0.02
50 S	Toluene-d8	50.000	50.447	-0.9	70	0.00
51 T	4-Methyl-2-Pentanone	250.000	293.537	-17.4	80	0.00
52 CM	Toluene	50.000	51.722	-3.4#	71	0.00
53 T	t-1,3-Dichloropropene	50.000	53.243	-6.5	72	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.724	-3.4	69	0.00
55 T	1,1,2-Trichloroethane	50.000	56.864	-13.7	78	0.00
56 T	Ethyl methacrylate	50.000	58.237	-16.5	80	0.00
57 T	1,3-Dichloropropane	50.000	53.644	-7.3	74	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	291.849	-16.7	81	0.00
59 T	2-Hexanone	250.000	278.966	-11.6	76	0.00
60 T	Dibromochloromethane	50.000	56.034	-12.1	76	0.00
61 T	1,2-Dibromoethane	50.000	57.252	-14.5	78	0.00
62 S	4-Bromofluorobenzene	50.000	49.234	1.5	71	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64 T	Tetrachloroethene	50.000	53.988	-8.0	76	0.00
65 PM	Chlorobenzene	50.000	51.721	-3.4	72	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.749	-7.5	73	0.00
67 C	Ethyl Benzene	50.000	51.638	-3.3#	70	0.00
68 T	m/p-Xylenes	100.000	104.737	-4.7	74	0.00
69 T	o-Xylene	50.000	52.488	-5.0	71	0.00
70 T	Styrene	50.000	53.259	-6.5	71	0.00
71 P	Bromoform	50.000	59.423	-18.8	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73 T	Isopropylbenzene	50.000	52.103	-4.2	71	0.00
74 T	N-amyl acetate	50.000	55.739	-11.5	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.772	-11.5	80	0.00
76 T	1,2,3-Trichloropropane	50.000	50.517	-1.0	75	0.00
77 T	Bromobenzene	50.000	53.556	-7.1	75	0.00
78 T	n-propylbenzene	50.000	50.952	-1.9	69	0.00
79 T	2-Chlorotoluene	50.000	50.397	-0.8	69	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.993	-4.0	70	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.738	-11.5	76	0.00
82 T	4-Chlorotoluene	50.000	50.666	-1.3	71	0.00
83 T	tert-Butylbenzene	50.000	53.596	-7.2	73	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.541	-3.1	72	0.00
85 T	sec-Butylbenzene	50.000	52.502	-5.0	71	0.00
86 T	p-Isopropyltoluene	50.000	52.748	-5.5	71	0.00
87 T	1,3-Dichlorobenzene	50.000	51.762	-3.5	72	0.00
88 T	1,4-Dichlorobenzene	50.000	51.701	-3.4	72	0.00
89 T	n-Butylbenzene	50.000	50.125	-0.3	68	0.00

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90 T	Hexachloroethane	50.000	52.422	-4.8	71	0.00
91 T	1,2-Dichlorobenzene	50.000	52.357	-4.7	74	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.745	-15.5	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.206	-12.4	75	0.00
94 T	Hexachlorobutadiene	50.000	53.587	-7.2	72	0.00
95 T	Naphthalene	50.000	56.176	-12.4	83	0.00
96 T	1,2,3-Trichlorobenzene	50.000	57.340	-14.7	75	0.00

(#) = Out of Range

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