

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007797.D
 Acq On : 21 Dec 2018 16:01
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 00:04:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 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	107	0.00
2 T	Dichlorodifluoromethane	50.000	50.136	-0.3	108	0.00
3 P	Chloromethane	50.000	55.176	-10.4	122	0.00
4 C	Vinyl Chloride	50.000	54.845	-9.7#	123	0.00
5 T	Bromomethane	50.000	52.999	-6.0	123	0.00
6 T	Chloroethane	50.000	57.920	-15.8	131	0.00
7 T	Trichlorofluoromethane	50.000	42.259	15.5	95	0.00
8 T	Diethyl Ether	50.000	49.390	1.2	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.340	-0.7	112	0.00
10 T	Methyl Iodide	50.000	49.243	1.5	109	0.00
11 T	Tert butyl alcohol	250.000	256.660	-2.7	120	0.02
12 CM	1,1-Dichloroethene	50.000	52.090	-4.2#	117	-0.01
13 T	Acrolein	250.000	225.178	9.9	107	0.00
14 T	Allyl chloride	50.000	55.260	-10.5	125	0.00
15 T	Acrylonitrile	250.000	273.801	-9.5	120	0.00
16 T	Acetone	250.000	259.636	-3.9	114	0.00
17 T	Carbon Disulfide	50.000	48.354	3.3	109	0.00
18 T	Methyl Acetate	50.000	59.785	-19.6	127	0.00
19 T	Methyl tert-butyl Ether	50.000	56.205	-12.4	122	0.00
20 T	Methylene Chloride	50.000	50.908	-1.8	108	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.326	-4.7	120	0.00
22 T	Diisopropyl ether	50.000	56.815	-13.6	124	0.00
23 T	Vinyl Acetate	250.000	277.634	-11.1	121	0.00
24 P	1,1-Dichloroethane	50.000	53.052	-6.1	120	0.00
25 T	2-Butanone	250.000	276.142	-10.5	123	0.00
26 T	2,2-Dichloropropane	50.000	50.011	-0.0	115	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.133	-4.3	117	0.00
28 T	Bromochloromethane	50.000	53.279	-6.6	118	0.00
29 T	Tetrahydrofuran	250.000	289.509	-15.8	125	0.00
30 C	Chloroform	50.000	50.997	-2.0#	114	0.00
31 T	Cyclohexane	50.000	52.838	-5.7	126	0.00
32 T	1,1,1-Trichloroethane	50.000	48.555	2.9	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.811	8.4	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35 S	Dibromofluoromethane	50.000	47.698	4.6	106	0.00
36 T	1,1-Dichloropropene	50.000	52.690	-5.4	118	0.00
37 T	Ethyl Acetate	50.000	56.054	-12.1	124	0.00
38 T	Carbon Tetrachloride	50.000	44.810	10.4	100	0.00
39 T	Methylcyclohexane	50.000	54.977	-10.0	124	0.00
40 TM	Benzene	50.000	52.482	-5.0	119	0.00
41 T	Methacrylonitrile	50.000	67.576	-35.2#	147	0.00
42 TM	1,2-Dichloroethane	50.000	48.261	3.5	108	0.00
43 T	Isopropyl Acetate	50.000	54.520	-9.0	119	0.00
44 TM	Trichloroethene	50.000	50.948	-1.9	116	0.00
45 C	1,2-Dichloropropane	50.000	54.066	-8.1#	119	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	49.313	1.4	110	0.00
47 T	Bromodichloromethane	50.000	47.932	4.1	107	0.00
48 T	Methyl methacrylate	50.000	55.900	-11.8	123	0.00
49 T	1,4-Dioxane	1000.000	1119.729	-12.0	121	0.00
50 S	Toluene-d8	50.000	49.434	1.1	109	0.00
51 T	4-Methyl-2-Pentanone	250.000	274.678	-9.9	121	0.00
52 CM	Toluene	50.000	54.271	-8.5#	123	0.00
53 T	t-1,3-Dichloropropene	50.000	51.126	-2.3	115	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.392	-4.8	118	0.00
55 T	1,1,2-Trichloroethane	50.000	52.804	-5.6	121	0.00
56 T	Ethyl methacrylate	50.000	55.203	-10.4	118	0.00
57 T	1,3-Dichloropropane	50.000	52.563	-5.1	119	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	284.531	-13.8	122	0.00
59 T	2-Hexanone	250.000	280.217	-12.1	121	0.00
60 T	Dibromochloromethane	50.000	44.923	10.2	100	0.00
61 T	1,2-Dibromoethane	50.000	51.871	-3.7	118	0.00
62 S	4-Bromofluorobenzene	50.000	49.370	1.3	110	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	52.340	-4.7	114	0.00
65 PM	Chlorobenzene	50.000	52.367	-4.7	115	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.337	-2.7	110	0.00
67 C	Ethyl Benzene	50.000	55.848	-11.7#	121	0.00
68 T	m/p-Xylenes	100.000	110.746	-10.7	119	0.00
69 T	o-Xylene	50.000	56.149	-12.3	120	0.00
70 T	Styrene	50.000	55.436	-10.9	118	0.00
71 P	Bromoform	50.000	45.065	9.9	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	56.376	-12.8	120	0.00
74 T	N-amyl acetate	50.000	60.257	-20.5#	125	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	55.014	-10.0	116	0.00
76 T	1,2,3-Trichloropropane	50.000	63.312	-26.6#	118	0.00
77 T	Bromobenzene	50.000	52.944	-5.9	112	0.00
78 T	n-propylbenzene	50.000	55.323	-10.6	117	0.00
79 T	2-Chlorotoluene	50.000	55.274	-10.5	118	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.030	-12.1	118	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.132	-10.3	112	0.00
82 T	4-Chlorotoluene	50.000	54.834	-9.7	117	0.00
83 T	tert-Butylbenzene	50.000	56.360	-12.7	119	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.696	-13.4	119	0.00
85 T	sec-Butylbenzene	50.000	55.924	-11.8	118	0.00
86 T	p-Isopropyltoluene	50.000	55.892	-11.8	118	0.00
87 T	1,3-Dichlorobenzene	50.000	53.131	-6.3	114	0.00
88 T	1,4-Dichlorobenzene	50.000	53.547	-7.1	115	0.00
89 T	n-Butylbenzene	50.000	57.000	-14.0	120	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	46.108	7.8	98	0.00
91 T	1,2-Dichlorobenzene	50.000	52.977	-6.0	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.262	-0.5	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.928	-9.9	117	0.00
94 T	Hexachlorobutadiene	50.000	56.507	-13.0	121	0.00
95 T	Naphthalene	50.000	59.547	-19.1	120	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.560	-9.1	114	0.00

(#) = Out of Range

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