

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007304.D
 Acq On : 07 Dec 2018 02:22
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 07 03:14:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	44.091	11.8	84	0.00
3 P	Chloromethane	50.000	44.093	11.8	81	0.00
4 C	Vinyl Chloride	50.000	49.313	1.4#	86	0.00
5 T	Bromomethane	50.000	62.503	-25.0#	108	0.00
6 T	Chloroethane	50.000	50.568	-1.1	88	0.00
7 T	Trichlorofluoromethane	50.000	47.046	5.9	85	0.00
8 T	Diethyl Ether	50.000	53.191	-6.4	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.698	6.6	83	0.00
10 T	Methyl Iodide	50.000	46.978	6.0	83	0.00
11 T	Tert butyl alcohol	250.000	226.195	9.5	84	0.00
12 CM	1,1-Dichloroethene	50.000	47.490	5.0#	85	0.00
13 T	Acrolein	250.000	236.616	5.4	83	0.00
14 T	Allyl chloride	50.000	48.434	3.1	85	0.00
15 T	Acrylonitrile	250.000	269.471	-7.8	88	0.00
16 T	Acetone	250.000	209.660	16.1	63	0.00
17 T	Carbon Disulfide	50.000	47.234	5.5	82	0.00
18 T	Methyl Acetate	50.000	52.594	-5.2	90	0.00
19 T	Methyl tert-butyl Ether	50.000	53.635	-7.3	90	0.00
20 T	Methylene Chloride	50.000	55.682	-11.4	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.534	0.9	87	0.00
22 T	Diisopropyl ether	50.000	54.421	-8.8	90	0.00
23 T	Vinyl Acetate	250.000	266.455	-6.6	87	0.00
24 P	1,1-Dichloroethane	50.000	51.527	-3.1	90	0.00
25 T	2-Butanone	250.000	247.181	1.1	79	0.00
26 T	2,2-Dichloropropane	50.000	45.885	8.2	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.272	-2.5	89	0.00
28 T	Bromochloromethane	50.000	54.139	-8.3	97	0.00
29 T	Tetrahydrofuran	250.000	262.001	-4.8	86	0.00
30 C	Chloroform	50.000	52.518	-5.0#	92	0.00
31 T	Cyclohexane	50.000	46.314	7.4	83	0.00
32 T	1,1,1-Trichloroethane	50.000	51.549	-3.1	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.002	4.0	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	47.100	5.8	83	0.00
36 T	1,1-Dichloropropene	50.000	49.565	0.9	86	0.00
37 T	Ethyl Acetate	50.000	49.695	0.6	86	0.00
38 T	Carbon Tetrachloride	50.000	48.067	3.9	85	0.00
39 T	Methylcyclohexane	50.000	47.760	4.5	85	0.00
40 TM	Benzene	50.000	51.829	-3.7	90	0.00
41 T	Methacrylonitrile	50.000	47.354	5.3	77	0.00
42 TM	1,2-Dichloroethane	50.000	50.571	-1.1	90	0.00
43 T	Isopropyl Acetate	50.000	52.367	-4.7	88	0.00
44 TM	Trichloroethene	50.000	50.957	-1.9	88	0.00
45 C	1,2-Dichloropropane	50.000	52.019	-4.0#	91	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	52.026	-4.1	94	0.00
47 T	Bromodichloromethane	50.000	50.557	-1.1	88	0.00
48 T	Methyl methacrylate	50.000	54.264	-8.5	87	0.00
49 T	1,4-Dioxane	1000.000	1159.067	-15.9	99	0.00
50 S	Toluene-d8	50.000	46.163	7.7	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	273.911	-9.6	89	0.00
52 CM	Toluene	50.000	50.320	-0.6#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	52.431	-4.9	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.184	-2.4	87	0.00
55 T	1,1,2-Trichloroethane	50.000	49.325	1.3	87	0.00
56 T	Ethyl methacrylate	50.000	54.177	-8.4	90	0.00
57 T	1,3-Dichloropropane	50.000	50.770	-1.5	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	251.113	-0.4	87	0.00
59 T	2-Hexanone	250.000	260.117	-4.0	83	0.00
60 T	Dibromochloromethane	50.000	51.416	-2.8	90	0.00
61 T	1,2-Dibromoethane	50.000	53.428	-6.9	90	0.00
62 S	4-Bromofluorobenzene	50.000	44.499	11.0	77	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	55.637	-11.3	95	0.00
65 PM	Chlorobenzene	50.000	54.110	-8.2	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.625	-7.2	91	0.00
67 C	Ethyl Benzene	50.000	52.576	-5.2#	91	0.00
68 T	m/p-Xylenes	100.000	99.787	0.2	86	0.00
69 T	o-Xylene	50.000	53.331	-6.7	91	0.00
70 T	Styrene	50.000	53.058	-6.1	90	0.00
71 P	Bromoform	50.000	53.096	-6.2	87	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	49.983	0.0	84	0.00
74 T	N-amyl acetate	50.000	55.737	-11.5	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.306	-12.6	91	0.00
76 T	1,2,3-Trichloropropane	50.000	48.303	3.4	94	0.00
77 T	Bromobenzene	50.000	53.725	-7.5	93	0.00
78 T	n-propylbenzene	50.000	50.010	-0.0	89	0.00
79 T	2-Chlorotoluene	50.000	49.870	0.3	85	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.949	2.1	83	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.233	-0.5	77	0.00
82 T	4-Chlorotoluene	50.000	52.300	-4.6	92	0.00
83 T	tert-Butylbenzene	50.000	51.326	-2.7	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.972	2.1	84	0.00
85 T	sec-Butylbenzene	50.000	48.731	2.5	87	0.00
86 T	p-Isopropyltoluene	50.000	49.955	0.1	89	0.00
87 T	1,3-Dichlorobenzene	50.000	51.383	-2.8	91	0.00
88 T	1,4-Dichlorobenzene	50.000	49.571	0.9	86	0.00
89 T	n-Butylbenzene	50.000	49.259	1.5	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.632	-1.3	85	0.00
91 T	1,2-Dichlorobenzene	50.000	52.943	-5.9	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.268	-8.5	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.639	-3.3	87	0.00
94 T	Hexachlorobutadiene	50.000	49.714	0.6	86	0.00
95 T	Naphthalene	50.000	52.583	-5.2	85	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.241	-4.5	89	0.00

(#) = Out of Range

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