

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007546.D
 Acq On : 14 Dec 2018 20:19
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.74G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 15 03:15:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	42.949	14.1	96	0.00
3 P	Chloromethane	50.000	43.469	13.1	91	0.00
4 C	Vinyl Chloride	50.000	52.697	-5.4#	108	0.00
5 T	Bromomethane	50.000	54.917	-9.8	111	0.00
6 T	Chloroethane	50.000	56.871	-13.7	110	0.00
7 T	Trichlorofluoromethane	50.000	59.491	-19.0	120	0.00
8 T	Diethyl Ether	50.000	50.920	-1.8	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.334	-4.7	103	0.01
10 T	Methyl Iodide	50.000	52.366	-4.7	101	0.00
11 T	Tert butyl alcohol	250.000	267.872	-7.1	109	0.00
12 CM	1,1-Dichloroethene	50.000	51.924	-3.8#	102	0.00
13 T	Acrolein	250.000	223.777	10.5	89	0.00
14 T	Allyl chloride	50.000	51.312	-2.6	100	0.00
15 T	Acrylonitrile	250.000	262.833	-5.1	100	0.00
16 T	Acetone	250.000	273.669	-9.5	103	0.00
17 T	Carbon Disulfide	50.000	50.782	-1.6	101	0.00
18 T	Methyl Acetate	50.000	49.899	0.2	96	0.00
19 T	Methyl tert-butyl Ether	50.000	56.865	-13.7	107	0.00
20 T	Methylene Chloride	50.000	52.495	-5.0	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.445	-2.9	99	0.00
22 T	Diisopropyl ether	50.000	52.849	-5.7	100	0.00
23 T	Vinyl Acetate	250.000	275.106	-10.0	102	0.00
24 P	1,1-Dichloroethane	50.000	51.750	-3.5	100	0.00
25 T	2-Butanone	250.000	276.400	-10.6	102	0.00
26 T	2,2-Dichloropropane	50.000	55.697	-11.4	109	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.364	-4.7	99	0.00
28 T	Bromochloromethane	50.000	45.794	8.4	87	0.00
29 T	Tetrahydrofuran	250.000	264.923	-6.0	97	0.00
30 C	Chloroform	50.000	51.684	-3.4#	99	0.00
31 T	Cyclohexane	50.000	49.453	1.1	102	0.00
32 T	1,1,1-Trichloroethane	50.000	54.282	-8.6	106	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.121	3.8	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	48.691	2.6	87	0.00
36 T	1,1-Dichloropropene	50.000	53.905	-7.8	103	0.00
37 T	Ethyl Acetate	50.000	55.505	-11.0	108	0.00
38 T	Carbon Tetrachloride	50.000	54.091	-8.2	102	0.00
39 T	Methylcyclohexane	50.000	56.462	-12.9	107	0.00
40 TM	Benzene	50.000	52.976	-6.0	98	0.00
41 T	Methacrylonitrile	50.000	55.991	-12.0	99	0.00
42 TM	1,2-Dichloroethane	50.000	54.191	-8.4	100	0.00
43 T	Isopropyl Acetate	50.000	56.039	-12.1	102	0.00
44 TM	Trichloroethene	50.000	55.187	-10.4	104	0.00
45 C	1,2-Dichloropropane	50.000	54.048	-8.1#	99	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	55.387	-10.8	104	0.00
47 T	Bromodichloromethane	50.000	54.465	-8.9	99	0.00
48 T	Methyl methacrylate	50.000	53.790	-7.6	98	0.00
49 T	1,4-Dioxane	1000.000	1119.395	-11.9	103	0.00
50 S	Toluene-d8	50.000	50.444	-0.9	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	296.392	-18.6	107	0.00
52 CM	Toluene	50.000	58.060	-16.1#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	57.736	-15.5	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.998	-10.0	101	0.00
55 T	1,1,2-Trichloroethane	50.000	57.174	-14.3	106	0.00
56 T	Ethyl methacrylate	50.000	60.717	-21.4#	109	0.00
57 T	1,3-Dichloropropane	50.000	58.720	-17.4	108	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	276.842	-10.7	93	0.00
59 T	2-Hexanone	250.000	306.944	-22.8#	112	0.00
60 T	Dibromochloromethane	50.000	57.709	-15.4	105	0.00
61 T	1,2-Dibromoethane	50.000	57.758	-15.5	110	0.00
62 S	4-Bromofluorobenzene	50.000	52.122	-4.2	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	51.510	-3.0	104	0.00
65 PM	Chlorobenzene	50.000	54.891	-9.8	107	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.894	-7.8	105	0.00
67 C	Ethyl Benzene	50.000	56.591	-13.2#	108	0.00
68 T	m/p-Xylenes	100.000	114.352	-14.4	113	0.00
69 T	o-Xylene	50.000	56.819	-13.6	105	0.00
70 T	Styrene	50.000	58.299	-16.6	111	0.00
71 P	Bromoform	50.000	55.998	-12.0	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	54.766	-9.5	112	0.00
74 T	N-amyl acetate	50.000	58.268	-16.5	116	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	56.376	-12.8	106	0.00
76 T	1,2,3-Trichloropropane	50.000	60.294	-20.6#	108	0.00
77 T	Bromobenzene	50.000	54.397	-8.8	106	0.00
78 T	n-propylbenzene	50.000	56.526	-13.1	111	0.00
79 T	2-Chlorotoluene	50.000	54.435	-8.9	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.381	-10.8	112	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.077	-14.2	115	0.00
82 T	4-Chlorotoluene	50.000	53.904	-7.8	108	0.00
83 T	tert-Butylbenzene	50.000	56.062	-12.1	111	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.848	-9.7	111	0.00
85 T	sec-Butylbenzene	50.000	56.015	-12.0	117	0.00
86 T	p-Isopropyltoluene	50.000	55.658	-11.3	110	0.00
87 T	1,3-Dichlorobenzene	50.000	54.381	-8.8	109	0.00
88 T	1,4-Dichlorobenzene	50.000	54.200	-8.4	112	0.00
89 T	n-Butylbenzene	50.000	56.344	-12.7	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.875	-7.8	109	0.00
91 T	1,2-Dichlorobenzene	50.000	54.516	-9.0	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.478	-9.0	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.700	-7.4	110	0.00
94 T	Hexachlorobutadiene	50.000	52.083	-4.2	106	0.00
95 T	Naphthalene	50.000	56.565	-13.1	108	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.698	-7.4	105	0.00

(#) = Out of Range

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