

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003734.D
 Acq On : 05 Jul 2018 20:54
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 06 04:29:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	45.697	8.6	87	0.00
3 P	Chloromethane	50.000	53.272	-6.5	89	0.00
4 C	Vinyl Chloride	50.000	56.738	-13.5#	95	0.00
5 T	Bromomethane	50.000	57.724	-15.4	99	0.00
6 T	Chloroethane	50.000	57.423	-14.8	99	0.00
7 T	Trichlorofluoromethane	50.000	44.395	11.2	78	0.00
8 T	Diethyl Ether	50.000	51.263	-2.5	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.192	-8.4	94	-0.01
10 T	Methyl Iodide	50.000	55.062	-10.1	93	0.00
11 T	Tert butyl alcohol	250.000	266.705	-6.7	94	0.00
12 CM	1,1-Dichloroethene	50.000	52.466	-4.9#	91	0.00
13 T	Acrolein	250.000	288.576	-15.4	160	0.00
14 T	Allyl chloride	50.000	52.149	-4.3	89	0.00
15 T	Acrylonitrile	250.000	290.430	-16.2	101	0.00
16 T	Acetone	250.000	221.596	11.4	81	0.00
17 T	Carbon Disulfide	50.000	54.945	-9.9	90	0.00
18 T	Methyl Acetate	50.000	56.717	-13.4	107	0.00
19 T	Methyl tert-butyl Ether	50.000	57.701	-15.4	97	0.00
20 T	Methylene Chloride	50.000	54.825	-9.7	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.912	-9.8	93	0.00
22 T	Diisopropyl ether	50.000	57.617	-15.2	96	0.00
23 T	Vinyl Acetate	250.000	271.722	-8.7	97	0.00
24 P	1,1-Dichloroethane	50.000	54.920	-9.8	95	0.00
25 T	2-Butanone	250.000	280.909	-12.4	97	0.00
26 T	2,2-Dichloropropane	50.000	47.112	5.8	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	55.929	-11.9	96	0.00
28 T	Bromochloromethane	50.000	52.769	-5.5	90	0.00
29 T	Tetrahydrofuran	250.000	305.878	-22.4#	104	0.00
30 C	Chloroform	50.000	55.960	-11.9#	97	0.00
31 T	Cyclohexane	50.000	51.184	-2.4	90	0.00
32 T	1,1,1-Trichloroethane	50.000	54.942	-9.9	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	53.687	-7.4	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	53.098	-6.2	88	0.00
36 T	1,1-Dichloropropene	50.000	56.954	-13.9	94	0.00
37 T	Ethyl Acetate	50.000	61.178	-22.4#	103	0.00
38 T	Carbon Tetrachloride	50.000	56.833	-13.7	95	0.00
39 T	Methylcyclohexane	50.000	56.674	-13.3	91	0.00
40 TM	Benzene	50.000	57.117	-14.2	96	0.00
41 T	Methacrylonitrile	50.000	68.717	-37.4#	114	0.00
42 TM	1,2-Dichloroethane	50.000	59.727	-19.5	101	0.00
43 T	Isopropyl Acetate	50.000	61.277	-22.6#	102	0.00
44 TM	Trichloroethene	50.000	55.737	-11.5	95	0.00
45 C	1,2-Dichloropropane	50.000	57.545	-15.1#	98	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	60.271	-20.5#	101	0.00
47 T	Bromodichloromethane	50.000	58.912	-17.8	98	0.00
48 T	Methyl methacrylate	50.000	56.404	-12.8	102	0.00
49 T	1,4-Dioxane	1000.000	1294.796	-29.5#	106	0.00
50 S	Toluene-d8	50.000	53.695	-7.4	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	321.815	-28.7#	105	0.00
52 CM	Toluene	50.000	58.962	-17.9#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	59.091	-18.2	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.710	-15.4	94	0.00
55 T	1,1,2-Trichloroethane	50.000	60.105	-20.2#	101	0.00
56 T	Ethyl methacrylate	50.000	55.864	-11.7	101	0.00
57 T	1,3-Dichloropropane	50.000	60.774	-21.5#	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	282.866	-13.1	95	0.00
59 T	2-Hexanone	250.000	318.588	-27.4#	104	0.00
60 T	Dibromochloromethane	50.000	60.845	-21.7#	102	0.00
61 T	1,2-Dibromoethane	50.000	60.279	-20.6#	101	0.00
62 S	4-Bromofluorobenzene	50.000	55.081	-10.2	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	58.415	-16.8	103	0.00
65 PM	Chlorobenzene	50.000	55.783	-11.6	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.758	-13.5	98	0.00
67 C	Ethyl Benzene	50.000	57.191	-14.4#	97	0.00
68 T	m/p-Xylenes	100.000	115.287	-15.3	97	0.00
69 T	o-Xylene	50.000	58.318	-16.6	99	0.00
70 T	Styrene	50.000	60.112	-20.2#	99	0.00
71 P	Bromoform	50.000	60.553	-21.1#	105	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	56.013	-12.0	97	0.00
74 T	N-amyl acetate	50.000	60.388	-20.8#	105	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.937	-15.9	105	0.00
76 T	1,2,3-Trichloropropane	50.000	58.279	-16.6	106	0.00
77 T	Bromobenzene	50.000	55.848	-11.7	99	0.00
78 T	n-propylbenzene	50.000	56.288	-12.6	97	0.00
79 T	2-Chlorotoluene	50.000	55.805	-11.6	97	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.954	-13.9	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.106	-12.2	99	0.00
82 T	4-Chlorotoluene	50.000	56.267	-12.5	99	0.00
83 T	tert-Butylbenzene	50.000	56.451	-12.9	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.905	-13.8	97	0.00
85 T	sec-Butylbenzene	50.000	56.095	-12.2	97	0.00
86 T	p-Isopropyltoluene	50.000	56.869	-13.7	98	0.00
87 T	1,3-Dichlorobenzene	50.000	55.212	-10.4	99	0.00
88 T	1,4-Dichlorobenzene	50.000	55.101	-10.2	99	0.00
89 T	n-Butylbenzene	50.000	55.891	-11.8	97	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	55.636	-11.3	98	0.00
91 T	1,2-Dichlorobenzene	50.000	56.497	-13.0	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.957	-19.9	109	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.622	-11.2	99	0.00
94 T	Hexachlorobutadiene	50.000	54.474	-8.9	98	0.00
95 T	Naphthalene	50.000	60.730	-21.5#	104	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.767	-13.5	102	0.00

(#) = Out of Range

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