

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW062418\
 Data File : VW003526.D
 Acq On : 24 Jun 2018 21:58
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 25 01:46:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 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	84	0.00
2 T	Dichlorodifluoromethane	50.000	63.007	-26.0#	112	0.00
3 P	Chloromethane	50.000	49.275	1.5	88	0.00
4 C	Vinyl Chloride	50.000	47.319	5.4#	86	0.00
5 T	Bromomethane	50.000	45.243	9.5	82	0.00
6 T	Chloroethane	50.000	40.740	18.5	76	0.00
7 T	Trichlorofluoromethane	50.000	43.758	12.5	78	0.00
8 T	Diethyl Ether	50.000	56.581	-13.2	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.059	-0.1	90	0.00
10 T	Methyl Iodide	50.000	53.015	-6.0	95	0.00
11 T	Tert butyl alcohol	250.000	321.623	-28.6#	104	-0.03
12 CM	1,1-Dichloroethene	50.000	51.891	-3.8#	95	0.00
13 T	Acrolein	250.000	139.050	44.4#	49	-0.01
14 T	Allyl chloride	50.000	55.230	-10.5	98	0.00
15 T	Acrylonitrile	250.000	317.330	-26.9#	109	0.00
16 T	Acetone	250.000	256.461	-2.6	90	-0.01
17 T	Carbon Disulfide	50.000	48.875	2.3	89	0.00
18 T	Methyl Acetate	50.000	64.107	-28.2#	113	-0.01
19 T	Methyl tert-butyl Ether	50.000	60.324	-20.6#	103	0.00
20 T	Methylene Chloride	50.000	55.474	-10.9	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.063	-6.1	96	0.00
22 T	Diisopropyl ether	50.000	58.915	-17.8	102	0.00
23 T	Vinyl Acetate	250.000	299.733	-19.9	101	0.00
24 P	1,1-Dichloroethane	50.000	55.022	-10.0	98	0.00
25 T	2-Butanone	250.000	306.627	-22.7#	102	0.00
26 T	2,2-Dichloropropane	50.000	46.063	7.9	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	57.020	-14.0	100	0.00
28 T	Bromochloromethane	50.000	63.014	-26.0#	102	0.00
29 T	Tetrahydrofuran	250.000	326.146	-30.5#	111	0.00
30 C	Chloroform	50.000	55.050	-10.1#	97	0.00
31 T	Cyclohexane	50.000	48.950	2.1	94	0.00
32 T	1,1,1-Trichloroethane	50.000	51.559	-3.1	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	62.169	-24.3#	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	58.146	-16.3	106	0.00
36 T	1,1-Dichloropropene	50.000	50.228	-0.5	94	0.00
37 T	Ethyl Acetate	50.000	60.488	-21.0#	110	0.00
38 T	Carbon Tetrachloride	50.000	48.512	3.0	90	0.00
39 T	Methylcyclohexane	50.000	49.727	0.5	92	0.00
40 TM	Benzene	50.000	52.309	-4.6	97	0.00
41 T	Methacrylonitrile	50.000	62.783	-25.6#	114	0.00
42 TM	1,2-Dichloroethane	50.000	53.576	-7.2	99	0.00
43 T	Isopropyl Acetate	50.000	58.218	-16.4	105	0.00
44 TM	Trichloroethene	50.000	53.159	-6.3	98	0.00
45 C	1,2-Dichloropropane	50.000	54.139	-8.3#	100	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	54.611	-9.2	101	0.00
47 T	Bromodichloromethane	50.000	53.507	-7.0	98	0.00
48 T	Methyl methacrylate	50.000	61.527	-23.1#	107	0.00
49 T	1,4-Dioxane	1000.000	1152.557	-15.3	100	-0.02
50 S	Toluene-d8	50.000	57.173	-14.3	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	307.279	-22.9#	108	0.00
52 CM	Toluene	50.000	52.105	-4.2#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	53.899	-7.8	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.550	-7.1	97	0.00
55 T	1,1,2-Trichloroethane	50.000	55.242	-10.5	101	0.00
56 T	Ethyl methacrylate	50.000	60.999	-22.0#	105	0.00
57 T	1,3-Dichloropropane	50.000	56.769	-13.5	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	282.108	-12.8	99	0.00
59 T	2-Hexanone	250.000	304.403	-21.8#	104	0.00
60 T	Dibromochloromethane	50.000	53.715	-7.4	96	0.00
61 T	1,2-Dibromoethane	50.000	56.105	-12.2	102	0.00
62 S	4-Bromofluorobenzene	50.000	60.069	-20.1#	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	50.304	-0.6	96	0.00
65 PM	Chlorobenzene	50.000	51.213	-2.4	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.304	-2.6	95	0.00
67 C	Ethyl Benzene	50.000	51.548	-3.1#	96	0.00
68 T	m/p-Xylenes	100.000	102.522	-2.5	95	0.00
69 T	o-Xylene	50.000	53.706	-7.4	98	0.00
70 T	Styrene	50.000	53.713	-7.4	97	0.00
71 P	Bromoform	50.000	53.647	-7.3	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	52.316	-4.6	94	0.00
74 T	N-amyl acetate	50.000	60.677	-21.4#	107	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	57.352	-14.7	105	0.00
76 T	1,2,3-Trichloropropane	50.000	54.240	-8.5	100	0.00
77 T	Bromobenzene	50.000	52.132	-4.3	95	0.00
78 T	n-propylbenzene	50.000	51.852	-3.7	93	0.00
79 T	2-Chlorotoluene	50.000	52.563	-5.1	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.099	-4.2	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.637	-7.3	94	0.00
82 T	4-Chlorotoluene	50.000	50.838	-1.7	93	0.00
83 T	tert-Butylbenzene	50.000	53.235	-6.5	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.471	-4.9	94	0.00
85 T	sec-Butylbenzene	50.000	51.610	-3.2	93	0.00
86 T	p-Isopropyltoluene	50.000	51.469	-2.9	92	0.00
87 T	1,3-Dichlorobenzene	50.000	50.499	-1.0	93	0.00
88 T	1,4-Dichlorobenzene	50.000	51.070	-2.1	94	0.00
89 T	n-Butylbenzene	50.000	51.413	-2.8	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.325	-2.7	92	0.00
91 T	1,2-Dichlorobenzene	50.000	52.824	-5.6	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	59.516	-19.0	106	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.209	-8.4	98	0.00
94 T	Hexachlorobutadiene	50.000	49.725	0.5	90	0.00
95 T	Naphthalene	50.000	61.738	-23.5#	107	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.923	-9.8	100	0.00

(#) = Out of Range

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