

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW102918\
 Data File : VW006422.D
 Acq On : 27 Oct 2018 00:06
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 27 04:54:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 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	72	0.00
2 T	Dichlorodifluoromethane	50.000	54.795	-9.6	76	0.00
3 P	Chloromethane	50.000	55.083	-10.2	83	0.00
4 C	Vinyl Chloride	50.000	55.482	-11.0#	80	0.00
5 T	Bromomethane	50.000	56.368	-12.7	85	0.00
6 T	Chloroethane	50.000	59.972	-19.9	87	0.00
7 T	Trichlorofluoromethane	50.000	57.770	-15.5	82	0.00
8 T	Diethyl Ether	50.000	54.695	-9.4	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.090	-14.2	85	0.00
10 T	Methyl Iodide	50.000	57.376	-14.8	84	0.00
11 T	Tert butyl alcohol	250.000	250.373	-0.1	79	0.00
12 CM	1,1-Dichloroethene	50.000	56.345	-12.7#	85	0.00
13 T	Acrolein	250.000	225.398	9.8	70	0.00
14 T	Allyl chloride	50.000	54.466	-8.9	81	0.00
15 T	Acrylonitrile	250.000	296.775	-18.7	89	0.00
16 T	Acetone	250.000	282.600	-13.0	89	0.00
17 T	Carbon Disulfide	50.000	50.515	-1.0	74	0.00
18 T	Methyl Acetate	50.000	56.819	-13.6	84	0.00
19 T	Methyl tert-butyl Ether	50.000	56.306	-12.6	84	0.00
20 T	Methylene Chloride	50.000	60.509	-21.0#	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	58.678	-17.4	87	0.00
22 T	Diisopropyl ether	50.000	58.761	-17.5	87	0.00
23 T	Vinyl Acetate	250.000	284.128	-13.7	85	0.00
24 P	1,1-Dichloroethane	50.000	60.275	-20.5#	89	0.00
25 T	2-Butanone	250.000	282.867	-13.1	88	0.00
26 T	2,2-Dichloropropane	50.000	50.609	-1.2	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	61.286	-22.6#	91	0.00
28 T	Bromochloromethane	50.000	58.236	-16.5	80	0.00
29 T	Tetrahydrofuran	250.000	279.331	-11.7	85	0.00
30 C	Chloroform	50.000	61.328	-22.7#	91	0.00
31 T	Cyclohexane	50.000	50.203	-0.4	79	0.00
32 T	1,1,1-Trichloroethane	50.000	56.462	-12.9	84	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.247	-2.5	75	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35 S	Dibromofluoromethane	50.000	52.095	-4.2	75	0.00
36 T	1,1-Dichloropropene	50.000	57.558	-15.1	86	0.00
37 T	Ethyl Acetate	50.000	56.499	-13.0	89	0.00
38 T	Carbon Tetrachloride	50.000	55.704	-11.4	83	0.00
39 T	Methylcyclohexane	50.000	55.013	-10.0	83	0.00
40 TM	Benzene	50.000	60.839	-21.7#	91	0.00
41 T	Methacrylonitrile	50.000	54.430	-8.9	80	0.00
42 TM	1,2-Dichloroethane	50.000	60.130	-20.3#	90	0.00
43 T	Isopropyl Acetate	50.000	54.690	-9.4	83	0.00
44 TM	Trichloroethene	50.000	60.313	-20.6#	90	0.00
45 C	1,2-Dichloropropane	50.000	60.527	-21.1#	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	61.625	-23.3#	92	0.00
47 T	Bromodichloromethane	50.000	59.360	-18.7	88	0.00
48 T	Methyl methacrylate	50.000	55.182	-10.4	82	0.00
49 T	1,4-Dioxane	1000.000	1215.792	-21.6#	88	0.00
50 S	Toluene-d8	50.000	50.374	-0.7	73	0.00
51 T	4-Methyl-2-Pentanone	250.000	282.419	-13.0	86	0.00
52 CM	Toluene	50.000	60.195	-20.4#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	57.056	-14.1	84	0.00
54 T	cis-1,3-Dichloropropene	50.000	58.292	-16.6	86	0.00
55 T	1,1,2-Trichloroethane	50.000	62.080	-24.2#	93	0.00
56 T	Ethyl methacrylate	50.000	59.031	-18.1	88	0.00
57 T	1,3-Dichloropropane	50.000	61.098	-22.2#	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.453	-9.4	85	0.00
59 T	2-Hexanone	250.000	271.705	-8.7	84	0.00
60 T	Dibromochloromethane	50.000	59.792	-19.6	87	0.00
61 T	1,2-Dibromoethane	50.000	61.704	-23.4#	91	0.00
62 S	4-Bromofluorobenzene	50.000	51.899	-3.8	75	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64 T	Tetrachloroethene	50.000	59.792	-19.6	92	0.00
65 PM	Chlorobenzene	50.000	60.173	-20.3#	92	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	59.350	-18.7	88	0.00
67 C	Ethyl Benzene	50.000	58.942	-17.9#	89	0.00
68 T	m/p-Xylenes	100.000	119.058	-19.1	90	0.00
69 T	o-Xylene	50.000	59.914	-19.8	90	0.00
70 T	Styrene	50.000	60.937	-21.9#	91	0.00
71 P	Bromoform	50.000	56.357	-12.7	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73 T	Isopropylbenzene	50.000	56.804	-13.6	89	0.00
74 T	N-amyl acetate	50.000	52.421	-4.8	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	59.299	-18.6	91	0.00
76 T	1,2,3-Trichloropropane	50.000	63.305	-26.6#	102	0.00
77 T	Bromobenzene	50.000	59.119	-18.2	92	0.00
78 T	n-propylbenzene	50.000	56.910	-13.8	88	0.00
79 T	2-Chlorotoluene	50.000	57.502	-15.0	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.647	-15.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.970	-3.9	79	0.00
82 T	4-Chlorotoluene	50.000	58.267	-16.5	90	0.00
83 T	tert-Butylbenzene	50.000	57.152	-14.3	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	58.369	-16.7	90	0.00
85 T	sec-Butylbenzene	50.000	57.134	-14.3	88	0.00
86 T	p-Isopropyltoluene	50.000	57.736	-15.5	88	0.00
87 T	1,3-Dichlorobenzene	50.000	59.309	-18.6	92	0.00
88 T	1,4-Dichlorobenzene	50.000	59.001	-18.0	92	0.00
89 T	n-Butylbenzene	50.000	56.993	-14.0	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.363	-10.7	82	0.00
91 T	1,2-Dichlorobenzene	50.000	59.726	-19.5	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.001	-2.0	79	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.184	-14.4	91	0.00
94 T	Hexachlorobutadiene	50.000	56.130	-12.3	88	0.00
95 T	Naphthalene	50.000	56.447	-12.9	89	0.00
96 T	1,2,3-Trichlorobenzene	50.000	57.545	-15.1	91	0.00

(#) = Out of Range

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