

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW091619\
 Data File : VW013076.D
 Acq On : 17 Sep 2019 07:57
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 17 08:56:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	42.524	15.0	79	0.00
3 P	Chloromethane	50.000	55.523	-11.0	99	0.00
4 C	Vinyl Chloride	50.000	45.155	9.7#	88	0.00
5 T	Bromomethane	50.000	46.677	6.6	92	0.00
6 T	Chloroethane	50.000	49.236	1.5	93	0.00
7 T	Trichlorofluoromethane	50.000	37.932	24.1#	69	0.00
8 T	Diethyl Ether	50.000	59.409	-18.8	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.242	7.5	86	0.00
10 T	Methyl Iodide	50.000	53.806	-7.6	98	0.00
11 T	Tert butyl alcohol	250.000	376.709	-50.7#	129	0.02
12 CM	1,1-Dichloroethene	50.000	46.507	7.0#	87	0.00
13 T	Acrolein	250.000	311.951	-24.8#	108	0.00
14 T	Allyl chloride	50.000	53.506	-7.0	97	0.00
15 T	Acrylonitrile	250.000	352.340	-40.9#	129	0.00
16 T	Acetone	250.000	279.607	-11.8	94	0.00
17 T	Carbon Disulfide	50.000	41.978	16.0	81	0.00
18 T	Methyl Acetate	50.000	73.865	-47.7#	144	0.00
19 T	Methyl tert-butyl Ether	50.000	64.392	-28.8#	115	0.00
20 T	Methylene Chloride	50.000	61.314	-22.6#	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.025	-4.0	95	0.00
22 T	Diisopropyl ether	50.000	63.228	-26.5#	113	0.00
23 T	Vinyl Acetate	250.000	314.548	-25.8#	110	0.00
24 P	1,1-Dichloroethane	50.000	55.468	-10.9	103	0.00
25 T	2-Butanone	250.000	326.508	-30.6#	120	0.00
26 T	2,2-Dichloropropane	50.000	45.101	9.8	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	57.013	-14.0	105	0.00
28 T	Bromochloromethane	50.000	60.495	-21.0#	111	0.00
29 T	Tetrahydrofuran	250.000	366.902	-46.8#	132	0.00
30 C	Chloroform	50.000	55.899	-11.8#	103	0.00
31 T	Cyclohexane	50.000	50.243	-0.5	89	0.00
32 T	1,1,1-Trichloroethane	50.000	49.671	0.7	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	60.054	-20.1#	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35 S	Dibromofluoromethane	50.000	53.430	-6.9	106	0.00
36 T	1,1-Dichloropropene	50.000	44.562	10.9	92	0.00
37 T	Ethyl Acetate	50.000	63.271	-26.5#	131	0.00
38 T	Carbon Tetrachloride	50.000	42.869	14.3	87	0.00
39 T	Methylcyclohexane	50.000	44.532	10.9	92	0.00
40 TM	Benzene	50.000	49.762	0.5	101	0.00
41 T	Methacrylonitrile	50.000	59.415	-18.8	122	0.00
42 TM	1,2-Dichloroethane	50.000	52.173	-4.3	106	0.00
43 T	Isopropyl Acetate	50.000	61.908	-23.8#	124	0.00
44 TM	Trichloroethene	50.000	47.750	4.5	99	0.00
45 C	1,2-Dichloropropane	50.000	54.346	-8.7#	109	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	56.240	-12.5	113	0.00
47 T	Bromodichloromethane	50.000	52.966	-5.9	105	0.00
48 T	Methyl methacrylate	50.000	62.682	-25.4#	127	0.00
49 T	1,4-Dioxane	1000.000	1319.949	-32.0#	130	0.00
50 S	Toluene-d8	50.000	53.124	-6.2	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	323.967	-29.6#	130	0.00
52 CM	Toluene	50.000	50.603	-1.2#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	52.861	-5.7	104	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.287	-4.6	104	0.00
55 T	1,1,2-Trichloroethane	50.000	58.860	-17.7	120	0.00
56 T	Ethyl methacrylate	50.000	63.483	-27.0#	124	0.00
57 T	1,3-Dichloropropane	50.000	57.588	-15.2	115	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	308.368	-23.3#	124	0.00
59 T	2-Hexanone	250.000	312.706	-25.1#	123	0.00
60 T	Dibromochloromethane	50.000	55.243	-10.5	108	0.00
61 T	1,2-Dibromoethane	50.000	59.185	-18.4	118	0.00
62 S	4-Bromofluorobenzene	50.000	54.433	-8.9	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64 T	Tetrachloroethene	50.000	52.636	-5.3	113	0.00
65 PM	Chlorobenzene	50.000	50.420	-0.8	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.076	-2.2	106	0.00
67 C	Ethyl Benzene	50.000	49.585	0.8#	102	0.00
68 T	m/p-Xylenes	100.000	98.999	1.0	102	0.00
69 T	o-Xylene	50.000	50.913	-1.8	105	0.00
70 T	Styrene	50.000	52.010	-4.0	107	0.00
71 P	Bromoform	50.000	55.098	-10.2	111	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73 T	Isopropylbenzene	50.000	48.870	2.3	101	0.00
74 T	N-amyl acetate	50.000	60.932	-21.9#	125	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	58.990	-18.0	121	0.00
76 T	1,2,3-Trichloropropane	50.000	51.206	-2.4	122	0.00
77 T	Bromobenzene	50.000	52.433	-4.9	110	0.00
78 T	n-propylbenzene	50.000	47.669	4.7	98	0.00
79 T	2-Chlorotoluene	50.000	50.003	-0.0	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.862	2.3	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.082	-6.2	109	0.00
82 T	4-Chlorotoluene	50.000	49.721	0.6	102	0.00
83 T	tert-Butylbenzene	50.000	48.691	2.6	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.069	-0.1	103	0.00
85 T	sec-Butylbenzene	50.000	47.605	4.8	98	0.00
86 T	p-Isopropyltoluene	50.000	48.360	3.3	99	0.00
87 T	1,3-Dichlorobenzene	50.000	49.679	0.6	105	0.00
88 T	1,4-Dichlorobenzene	50.000	50.399	-0.8	105	0.00
89 T	n-Butylbenzene	50.000	47.106	5.8	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.924	2.2	102	0.00
91 T	1,2-Dichlorobenzene	50.000	52.508	-5.0	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.948	-13.9	124	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.964	-3.9	108	0.00
94 T	Hexachlorobutadiene	50.000	46.582	6.8	101	0.00
95 T	Naphthalene	50.000	61.467	-22.9#	122	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.769	-5.5	111	0.00

(#) = Out of Range

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