

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW031919\
 Data File : VW009239.D
 Acq On : 19 Mar 2019 13:53
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW031918

Quant Time: Mar 20 07:38:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 07:22:50 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	56.040	-12.1	118	0.00
3 P	Chloromethane	50.000	57.460	-14.9	126	0.00
4 C	Vinyl Chloride	50.000	56.224	-12.4#	127	0.00
5 T	Bromomethane	50.000	49.923	0.2	112	0.00
6 T	Chloroethane	50.000	54.390	-8.8	117	0.00
7 T	Trichlorofluoromethane	50.000	59.328	-18.7	123	0.00
8 T	Diethyl Ether	50.000	49.284	1.4	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.338	-4.7	112	0.00
10 T	Methyl Iodide	50.000	50.450	-0.9	106	0.00
11 T	Tert butyl alcohol	250.000	234.783	6.1	97	0.00
12 CM	1,1-Dichloroethene	50.000	51.730	-3.5#	112	0.00
13 T	Acrolein	250.000	216.219	13.5	86	0.00
14 T	Allyl chloride	50.000	56.358	-12.7	117	0.00
15 T	Acrylonitrile	250.000	240.509	3.8	97	0.00
16 T	Acetone	250.000	281.023	-12.4	113	0.00
17 T	Carbon Disulfide	50.000	52.080	-4.2	113	0.00
18 T	Methyl Acetate	50.000	46.186	7.6	94	0.00
19 T	Methyl tert-butyl Ether	50.000	51.329	-2.7	104	0.00
20 T	Methylene Chloride	50.000	52.909	-5.8	105	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.264	-4.5	111	0.00
22 T	Diisopropyl ether	50.000	52.479	-5.0	107	0.00
23 T	Vinyl Acetate	250.000	254.365	-1.7	101	0.00
24 P	1,1-Dichloroethane	50.000	51.627	-3.3	109	0.00
25 T	2-Butanone	250.000	241.260	3.5	97	0.00
26 T	2,2-Dichloropropane	50.000	55.688	-11.4	117	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.360	-4.7	108	0.00
28 T	Bromochloromethane	50.000	46.254	7.5	92	0.00
29 T	Tetrahydrofuran	250.000	234.371	6.3	94	0.00
30 C	Chloroform	50.000	50.726	-1.5#	106	0.00
31 T	Cyclohexane	50.000	51.585	-3.2	113	0.00
32 T	1,1,1-Trichloroethane	50.000	53.246	-6.5	112	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.650	4.7	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	48.562	2.9	97	0.00
36 T	1,1-Dichloropropene	50.000	52.978	-6.0	111	0.00
37 T	Ethyl Acetate	50.000	47.336	5.3	96	0.00
38 T	Carbon Tetrachloride	50.000	52.599	-5.2	112	0.00
39 T	Methylcyclohexane	50.000	55.656	-11.3	112	0.00
40 TM	Benzene	50.000	52.098	-4.2	109	0.00
41 T	Methacrylonitrile	50.000	54.520	-9.0	109	0.00
42 TM	1,2-Dichloroethane	50.000	49.185	1.6	102	0.00
43 T	Isopropyl Acetate	50.000	46.790	6.4	96	0.00
44 TM	Trichloroethene	50.000	51.015	-2.0	107	0.00
45 C	1,2-Dichloropropane	50.000	50.329	-0.7#	105	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	47.609	4.8	100	0.00
47 T	Bromodichloromethane	50.000	50.478	-1.0	105	0.00
48 T	Methyl methacrylate	50.000	48.349	3.3	95	0.00
49 T	1,4-Dioxane	1000.000	975.520	2.4	95	0.00
50 S	Toluene-d8	50.000	51.244	-2.5	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	230.112	8.0	92	0.00
52 CM	Toluene	50.000	52.852	-5.7#	109	0.00
53 T	t-1,3-Dichloropropene	50.000	51.229	-2.5	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.714	-3.4	106	0.00
55 T	1,1,2-Trichloroethane	50.000	47.328	5.3	97	0.00
56 T	Ethyl methacrylate	50.000	49.347	1.3	95	0.00
57 T	1,3-Dichloropropane	50.000	48.801	2.4	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	88.307	64.7#	94	0.00
59 T	2-Hexanone	250.000	244.984	2.0	95	0.00
60 T	Dibromochloromethane	50.000	48.633	2.7	98	0.00
61 T	1,2-Dibromoethane	50.000	47.999	4.0	99	0.00
62 S	4-Bromofluorobenzene	50.000	50.689	-1.4	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	52.772	-5.5	107	0.00
65 PM	Chlorobenzene	50.000	52.184	-4.4	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.014	-4.0	105	0.00
67 C	Ethyl Benzene	50.000	56.224	-12.4#	109	0.00
68 T	m/p-Xylenes	100.000	111.097	-11.1	109	0.00
69 T	o-Xylene	50.000	55.675	-11.3	109	0.00
70 T	Styrene	50.000	55.661	-11.3	108	0.00
71 P	Bromoform	50.000	49.386	1.2	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	57.755	-15.5	110	0.00
74 T	N-amyl acetate	50.000	50.033	-0.1	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.669	4.7	95	0.00
76 T	1,2,3-Trichloropropane	50.000	44.757	10.5	96	0.00
77 T	Bromobenzene	50.000	52.654	-5.3	105	0.00
78 T	n-propylbenzene	50.000	57.814	-15.6	110	0.00
79 T	2-Chlorotoluene	50.000	55.928	-11.9	109	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.501	-15.0	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.863	-1.7	95	0.00
82 T	4-Chlorotoluene	50.000	55.891	-11.8	109	0.00
83 T	tert-Butylbenzene	50.000	58.455	-16.9	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.287	-14.6	109	0.00
85 T	sec-Butylbenzene	50.000	58.135	-16.3	110	0.00
86 T	p-Isopropyltoluene	50.000	58.229	-16.5	109	0.00
87 T	1,3-Dichlorobenzene	50.000	53.185	-6.4	105	0.00
88 T	1,4-Dichlorobenzene	50.000	52.589	-5.2	105	0.00
89 T	n-Butylbenzene	50.000	59.452	-18.9	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	55.665	-11.3	108	0.00
91 T	1,2-Dichlorobenzene	50.000	52.404	-4.8	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.823	4.4	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.212	-10.4	106	0.00
94 T	Hexachlorobutadiene	50.000	53.873	-7.7	107	0.00
95 T	Naphthalene	50.000	53.958	-7.9	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.178	-6.4	102	0.00

(#) = Out of Range

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