

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011619\
 Data File : VW008300.D
 Acq On : 16 Jan 2019 11:10
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 17 05:35:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 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	111	0.00
2 T	Dichlorodifluoromethane	50.000	44.842	10.3	105	0.00
3 P	Chloromethane	50.000	47.704	4.6	111	0.00
4 C	Vinyl Chloride	50.000	49.708	0.6#	112	0.00
5 T	Bromomethane	50.000	45.557	8.9	112	0.00
6 T	Chloroethane	50.000	43.067	13.9	104	-0.01
7 T	Trichlorofluoromethane	50.000	49.014	2.0	107	0.00
8 T	Diethyl Ether	50.000	44.056	11.9	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.035	-0.1	113	-0.02
10 T	Methyl Iodide	50.000	47.121	5.8	105	0.00
11 T	Tert butyl alcohol	250.000	215.681	13.7	93	-0.07
12 CM	1,1-Dichloroethene	50.000	48.740	2.5#	110	0.00
13 T	Acrolein	250.000	257.959	-3.2	102	-0.01
14 T	Allyl chloride	50.000	46.037	7.9	103	0.00
15 T	Acrylonitrile	250.000	221.837	11.3	103	0.00
16 T	Acetone	250.000	273.491	-9.4	117	-0.02
17 T	Carbon Disulfide	50.000	46.823	6.4	102	0.00
18 T	Methyl Acetate	50.000	46.043	7.9	102	0.00
19 T	Methyl tert-butyl Ether	50.000	41.198	17.6	95	0.00
20 T	Methylene Chloride	50.000	49.991	0.0	109	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.195	1.6	111	0.00
22 T	Diisopropyl ether	50.000	45.118	9.8	103	0.00
23 T	Vinyl Acetate	250.000	220.256	11.9	100	0.00
24 P	1,1-Dichloroethane	50.000	48.008	4.0	110	0.00
25 T	2-Butanone	250.000	231.771	7.3	110	0.00
26 T	2,2-Dichloropropane	50.000	46.471	7.1	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.105	1.8	114	-0.01
28 T	Bromochloromethane	50.000	40.609	18.8	91	0.00
29 T	Tetrahydrofuran	250.000	218.650	12.5	101	0.00
30 C	Chloroform	50.000	50.126	-0.3#	113	0.00
31 T	Cyclohexane	50.000	43.353	13.3	102	0.00
32 T	1,1,1-Trichloroethane	50.000	48.978	2.0	110	0.00
33 S	1,2-Dichloroethane-d4	50.000	36.507	27.0#	80	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	45.212	9.6	92	0.00
36 T	1,1-Dichloropropene	50.000	52.932	-5.9	111	0.00
37 T	Ethyl Acetate	50.000	45.639	8.7	97	0.00
38 T	Carbon Tetrachloride	50.000	56.375	-12.8	120	0.00
39 T	Methylcyclohexane	50.000	52.726	-5.5	110	0.00
40 TM	Benzene	50.000	53.574	-7.1	112	0.00
41 T	Methacrylonitrile	50.000	45.738	8.5	105	0.00
42 TM	1,2-Dichloroethane	50.000	48.651	2.7	102	0.00
43 T	Isopropyl Acetate	50.000	44.991	10.0	96	0.00
44 TM	Trichloroethene	50.000	56.361	-12.7	120	0.00
45 C	1,2-Dichloropropane	50.000	53.047	-6.1#	111	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	52.370	-4.7	111	0.00
47 T	Bromodichloromethane	50.000	53.623	-7.2	111	0.00
48 T	Methyl methacrylate	50.000	46.015	8.0	94	0.00
49 T	1,4-Dioxane	1000.000	1162.916	-16.3	124	-0.04
50 S	Toluene-d8	50.000	44.053	11.9	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	234.856	6.1	101	0.00
52 CM	Toluene	50.000	53.925	-7.8#	110	0.00
53 T	t-1,3-Dichloropropene	50.000	51.841	-3.7	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.275	-2.5	105	0.00
55 T	1,1,2-Trichloroethane	50.000	52.493	-5.0	111	0.00
56 T	Ethyl methacrylate	50.000	50.490	-1.0	102	0.00
57 T	1,3-Dichloropropane	50.000	50.381	-0.8	106	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	228.072	8.8	91	0.00
59 T	2-Hexanone	250.000	245.451	1.8	102	0.00
60 T	Dibromochloromethane	50.000	58.413	-16.8	119	0.00
61 T	1,2-Dibromoethane	50.000	54.054	-8.1	111	0.00
62 S	4-Bromofluorobenzene	50.000	42.426	15.1	85	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	54.996	-10.0	122	0.00
65 PM	Chlorobenzene	50.000	53.490	-7.0	114	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.884	-11.8	118	0.00
67 C	Ethyl Benzene	50.000	53.566	-7.1#	112	0.00
68 T	m/p-Xylenes	100.000	109.809	-9.8	114	0.00
69 T	o-Xylene	50.000	54.903	-9.8	114	0.00
70 T	Styrene	50.000	55.779	-11.6	113	0.00
71 P	Bromoform	50.000	58.164	-16.3	121	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	52.352	-4.7	116	0.00
74 T	N-amyl acetate	50.000	43.223	13.6	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.124	5.8	107	0.00
76 T	1,2,3-Trichloropropane	50.000	47.604	4.8	104	0.00
77 T	Bromobenzene	50.000	52.635	-5.3	121	0.00
78 T	n-propylbenzene	50.000	52.244	-4.5	115	0.00
79 T	2-Chlorotoluene	50.000	50.702	-1.4	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.312	-4.6	114	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.237	5.5	103	0.00
82 T	4-Chlorotoluene	50.000	50.956	-1.9	114	0.00
83 T	tert-Butylbenzene	50.000	53.408	-6.8	117	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.406	-4.8	115	0.00
85 T	sec-Butylbenzene	50.000	52.726	-5.5	115	0.00
86 T	p-Isopropyltoluene	50.000	53.897	-7.8	117	0.00
87 T	1,3-Dichlorobenzene	50.000	54.516	-9.0	120	0.00
88 T	1,4-Dichlorobenzene	50.000	52.763	-5.5	118	0.00
89 T	n-Butylbenzene	50.000	53.114	-6.2	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.984	-14.0	125	0.00
91 T	1,2-Dichlorobenzene	50.000	52.644	-5.3	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.492	7.0	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.410	-4.8	122	0.00
94 T	Hexachlorobutadiene	50.000	60.119	-20.2#	135	0.00
95 T	Naphthalene	50.000	48.603	2.8	106	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.572	-7.1	119	0.00

(#) = Out of Range

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