

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007821.D
 Acq On : 22 Dec 2018 03:12
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 05:42:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	41.242	17.5	76	0.00
3 P	Chloromethane	50.000	65.045	-30.1#	124	0.00
4 C	Vinyl Chloride	50.000	58.628	-17.3#	113	0.00
5 T	Bromomethane	50.000	60.643	-21.3#	121	0.00
6 T	Chloroethane	50.000	63.314	-26.6#	123	0.00
7 T	Trichlorofluoromethane	50.000	43.024	14.0	83	0.00
8 T	Diethyl Ether	50.000	65.018	-30.0#	120	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.296	5.4	90	0.00
10 T	Methyl Iodide	50.000	51.436	-2.9	98	0.00
11 T	Tert butyl alcohol	250.000	312.531	-25.0#	126	0.00
12 CM	1,1-Dichloroethene	50.000	50.034	-0.1#	96	0.00
13 T	Acrolein	250.000	205.351	17.9	83	0.00
14 T	Allyl chloride	50.000	57.130	-14.3	111	0.00
15 T	Acrylonitrile	250.000	315.178	-26.1#	119	0.00
16 T	Acetone	250.000	241.798	3.3	91	0.00
17 T	Carbon Disulfide	50.000	46.492	7.0	90	0.00
18 T	Methyl Acetate	50.000	72.413	-44.8#	132	0.00
19 T	Methyl tert-butyl Ether	50.000	63.586	-27.2#	118	0.00
20 T	Methylene Chloride	50.000	55.321	-10.6	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	53.020	-6.0	104	0.00
22 T	Diisopropyl ether	50.000	61.111	-22.2#	114	0.00
23 T	Vinyl Acetate	250.000	298.724	-19.5	112	0.00
24 P	1,1-Dichloroethane	50.000	55.817	-11.6	109	0.00
25 T	2-Butanone	250.000	298.539	-19.4	114	0.00
26 T	2,2-Dichloropropane	50.000	45.295	9.4	89	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.432	-12.9	109	0.00
28 T	Bromochloromethane	50.000	59.816	-19.6	114	0.00
29 T	Tetrahydrofuran	250.000	335.057	-34.0#	124	0.00
30 C	Chloroform	50.000	54.089	-8.2#	104	0.00
31 T	Cyclohexane	50.000	49.471	1.1	101	0.00
32 T	1,1,1-Trichloroethane	50.000	49.143	1.7	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.745	-13.5	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	53.711	-7.4	107	0.00
36 T	1,1-Dichloropropene	50.000	48.959	2.1	99	0.00
37 T	Ethyl Acetate	50.000	60.064	-20.1#	119	0.00
38 T	Carbon Tetrachloride	50.000	42.846	14.3	86	0.00
39 T	Methylcyclohexane	50.000	48.707	2.6	98	0.00
40 TM	Benzene	50.000	52.016	-4.0	105	0.00
41 T	Methacrylonitrile	50.000	63.979	-28.0#	124	0.00
42 TM	1,2-Dichloroethane	50.000	51.897	-3.8	104	0.00
43 T	Isopropyl Acetate	50.000	61.509	-23.0#	121	0.00
44 TM	Trichloroethene	50.000	50.379	-0.8	103	0.00
45 C	1,2-Dichloropropane	50.000	55.675	-11.3#	110	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	53.053	-6.1	106	0.00
47 T	Bromodichloromethane	50.000	50.262	-0.5	100	0.00
48 T	Methyl methacrylate	50.000	62.191	-24.4#	123	0.00
49 T	1,4-Dioxane	1000.000	1233.566	-23.4#	120	0.00
50 S	Toluene-d8	50.000	54.834	-9.7	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	305.076	-22.0#	121	0.00
52 CM	Toluene	50.000	52.432	-4.9#	106	0.00
53 T	t-1,3-Dichloropropene	50.000	53.473	-6.9	108	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.377	-4.8	106	0.00
55 T	1,1,2-Trichloroethane	50.000	55.578	-11.2	114	0.00
56 T	Ethyl methacrylate	50.000	61.466	-22.9#	117	0.00
57 T	1,3-Dichloropropane	50.000	56.306	-12.6	114	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	339.722	-35.9#	131	0.00
59 T	2-Hexanone	250.000	305.771	-22.3#	118	0.00
60 T	Dibromochloromethane	50.000	49.494	1.0	99	0.00
61 T	1,2-Dibromoethane	50.000	54.802	-9.6	112	0.00
62 S	4-Bromofluorobenzene	50.000	55.559	-11.1	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	52.759	-5.5	108	0.00
65 PM	Chlorobenzene	50.000	50.681	-1.4	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.291	-0.6	102	0.00
67 C	Ethyl Benzene	50.000	51.369	-2.7#	105	0.00
68 T	m/p-Xylenes	100.000	101.570	-1.6	103	0.00
69 T	o-Xylene	50.000	52.445	-4.9	106	0.00
70 T	Styrene	50.000	53.371	-6.7	107	0.00
71 P	Bromoform	50.000	47.210	5.6	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	52.599	-5.2	104	0.00
74 T	N-amyl acetate	50.000	62.318	-24.6#	120	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	58.232	-16.5	114	0.00
76 T	1,2,3-Trichloropropane	50.000	64.072	-28.1#	110	0.00
77 T	Bromobenzene	50.000	53.176	-6.4	104	0.00
78 T	n-propylbenzene	50.000	51.652	-3.3	101	0.00
79 T	2-Chlorotoluene	50.000	52.886	-5.8	105	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.524	-5.0	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.960	-3.9	98	0.00
82 T	4-Chlorotoluene	50.000	53.025	-6.0	105	0.00
83 T	tert-Butylbenzene	50.000	52.335	-4.7	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.463	-6.9	104	0.00
85 T	sec-Butylbenzene	50.000	51.894	-3.8	102	0.00
86 T	p-Isopropyltoluene	50.000	51.508	-3.0	101	0.00
87 T	1,3-Dichlorobenzene	50.000	51.760	-3.5	103	0.00
88 T	1,4-Dichlorobenzene	50.000	52.648	-5.3	105	0.00
89 T	n-Butylbenzene	50.000	50.956	-1.9	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	45.719	8.6	90	0.00
91 T	1,2-Dichlorobenzene	50.000	53.113	-6.2	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.181	-4.4	98	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.547	-5.1	104	0.00
94 T	Hexachlorobutadiene	50.000	49.624	0.8	99	0.00
95 T	Naphthalene	50.000	59.609	-19.2	112	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.813	-7.6	104	0.00

(#) = Out of Range

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