

Data File : VD059796.D
Acq On : 15 Aug 2018 14:59
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 16 07:45:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 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	126	0.00
2 T	Dichlorodifluoromethane	50.000	47.878	4.2	119	0.00
3 P	Chloromethane	50.000	47.512	5.0	115	0.00
4 C	Vinyl Chloride	50.000	52.431	-4.9#	127	0.00
5 T	Bromomethane	50.000	54.865	-9.7	107	0.00
6 T	Chloroethane	50.000	51.525	-3.0	108	0.00
7 T	Trichlorofluoromethane	50.000	46.861	6.3	111	0.00
8 T	Diethyl Ether	50.000	47.359	5.3	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.099	1.8	122	0.00
10 T	Methyl Iodide	50.000	44.367	11.3	107	0.00
11 T	Tert butyl alcohol	250.000	238.270	4.7	108	0.00
12 CM	1,1-Dichloroethene	50.000	50.010	-0.0#	121	0.00
13 T	Acrolein	250.000	226.611	9.4	104	0.00
14 T	Allyl chloride	50.000	49.177	1.6	121	0.00
15 T	Acrylonitrile	250.000	229.585	8.2	109	0.00
16 T	Acetone	250.000	298.270	-19.3	138	0.00
17 T	Carbon Disulfide	50.000	54.141	-8.3	126	0.00
18 T	Methyl Acetate	50.000	46.160	7.7	115	0.00
19 T	Methyl tert-butyl Ether	50.000	46.003	8.0	114	0.00
20 T	Methylene Chloride	50.000	44.289	11.4	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.502	3.0	114	0.00
22 T	Diisopropyl ether	50.000	47.195	5.6	115	-0.02
23 T	Vinyl Acetate	250.000	245.201	1.9	119	0.00
24 P	1,1-Dichloroethane	50.000	46.410	7.2	117	0.00
25 T	2-Butanone	250.000	268.672	-7.5	125	-0.02
26 T	2,2-Dichloropropane	50.000	51.206	-2.4	129	-0.02
27 T	cis-1,2-Dichloroethene	50.000	46.445	7.1	116	0.00
28 T	Bromochloromethane	50.000	45.870	8.3	110	0.00
29	Tetrahydrofuran	250.000	235.735	5.7	116	0.00
30 C	Chloroform	50.000	42.663	14.7#	106	0.00
31 T	Cyclohexane	50.000	47.699	4.6	130	0.00
32 T	1,1,1-Trichloroethane	50.000	49.998	0.0	124	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.009	10.0	104	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	118	0.00
35 S	Dibromofluoromethane	50.000	49.931	0.1	112	0.00
36 T	1,1-Dichloropropene	50.000	50.442	-0.9	119	0.00
37 T	Ethyl Acetate	50.000	48.279	3.4	109	0.00
38 T	Carbon Tetrachloride	50.000	50.383	-0.8	117	0.00
39 T	Methylcyclohexane	50.000	53.384	-6.8	119	0.00
40 TM	Benzene	50.000	50.249	-0.5	114	-0.02
41 T	Methacrylonitrile	50.000	50.544	-1.1	105	-0.02
42 TM	1,2-Dichloroethane	50.000	48.419	3.2	112	0.00
43 T	Isopropyl Acetate	50.000	52.341	-4.7	116	-0.02
44 TM	Trichloroethene	50.000	50.482	-1.0	118	0.00
45 C	1,2-Dichloropropane	50.000	52.121	-4.2#	114	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.019	4.0	109	0.00
47 T	Bromodichloromethane	50.000	48.238	3.5	110	0.00
48 T	Methyl methacrylate	50.000	53.135	-6.3	115	0.00
49 T	1,4-Dioxane	1000.000	1068.702	-6.9	118	0.00
50 S	Toluene-d8	50.000	48.738	2.5	111	-0.02
51 T	4-Methyl-2-Pentanone	250.000	273.130	-9.3	112	0.00
52 CM	Toluene	50.000	49.130	1.7#	114	0.00
53 T	t-1,3-Dichloropropene	50.000	51.591	-3.2	119	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.750	-9.5	121	0.00
55 T	1,1,2-Trichloroethane	50.000	48.925	2.2	115	0.00
56 T	Ethyl methacrylate	50.000	49.513	1.0	109	0.00
57 T	1,3-Dichloropropane	50.000	47.219	5.6	112	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	259.598	-3.8	125	0.00
59 T	2-Hexanone	250.000	296.596	-18.6	123	0.00
60 T	Dibromochloromethane	50.000	49.555	0.9	111	0.00
61 T	1,2-Dibromoethane	50.000	46.671	6.7	108	0.00
62 S	4-Bromofluorobenzene	50.000	46.942	6.1	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	117	0.00
64 T	Tetrachloroethene	50.000	48.775	2.5	114	-0.02
65 PM	Chlorobenzene	50.000	49.016	2.0	117	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.468	3.1	111	0.00
67 C	Ethyl Benzene	50.000	47.119	5.8#	112	0.00
68 T	m/p-Xylenes	100.000	96.761	3.2	115	0.00
69 T	o-Xylene	50.000	49.384	1.2	116	0.00
70 T	Styrene	50.000	47.976	4.0	111	0.00
71 P	Bromoform	50.000	52.549	-5.1	114	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	119	0.00
73 T	Isopropylbenzene	50.000	49.634	0.7	118	0.00
74 T	N-amyl acetate	50.000	51.204	-2.4	113	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.992	4.0	111	0.00
76 T	1,2,3-Trichloropropane	50.000	48.052	3.9	113	0.00
77 T	Bromobenzene	50.000	49.046	1.9	111	0.00
78 T	n-propylbenzene	50.000	49.166	1.7	117	0.00
79 T	2-Chlorotoluene	50.000	48.108	3.8	113	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.598	4.8	112	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	57.160	-14.3	127	0.00
82 T	4-Chlorotoluene	50.000	45.387	9.2	108	0.00
83 T	tert-Butylbenzene	50.000	50.500	-1.0	121	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.252	5.5	111	0.00
85 T	sec-Butylbenzene	50.000	49.446	1.1	117	0.00
86 T	p-Isopropyltoluene	50.000	51.651	-3.3	124	0.00
87 T	1,3-Dichlorobenzene	50.000	49.414	1.2	120	0.00
88 T	1,4-Dichlorobenzene	50.000	48.301	3.4	114	0.00
89 T	n-Butylbenzene	50.000	50.538	-1.1	120	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081518\
Evaluate Continuing Calibration Report

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.351	-4.7	118	0.00
91 T	1,2-Dichlorobenzene	50.000	48.041	3.9	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.072	-2.1	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.440	-2.9	113	0.00
94 T	Hexachlorobutadiene	50.000	53.580	-7.2	124	0.00
95 T	Naphthalene	50.000	48.154	3.7	111	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.604	-5.2	122	0.00

(#) = Out of Range

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