

Data File : VD062228.D
Acq On : 11 May 2019 10:48
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 11 22:29:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 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	99	0.03
2 T	Dichlorodifluoromethane	50.000	48.582	2.8	95	0.01
3 P	Chloromethane	50.000	41.771	16.5	87	0.02
4 C	Vinyl Chloride	50.000	46.639	6.7#	89	0.02
5 T	Bromomethane	50.000	76.879	-53.8#	143	0.02
6 T	Chloroethane	50.000	55.194	-10.4	100	0.03
7 T	Trichlorofluoromethane	50.000	59.367	-18.7	116	0.03
8 T	Diethyl Ether	50.000	40.699	18.6	80	0.03
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.202	1.6	94	0.03
10 T	Methyl Iodide	50.000	45.497	9.0	89	0.02
11 T	Tert butyl alcohol	250.000	227.959	8.8	93	0.03
12 CM	1,1-Dichloroethene	50.000	51.097	-2.2#	93	0.02
13 T	Acrolein	250.000	216.795	13.3	90	0.02
14 T	Allyl chloride	50.000	49.439	1.1	94	0.03
15 T	Acrylonitrile	250.000	207.456	17.0	84	0.03
16 T	Acetone	250.000	293.139	-17.3	113	0.03
17 T	Carbon Disulfide	50.000	49.242	1.5	94	0.02
18 T	Methyl Acetate	50.000	44.316	11.4	91	0.03
19 T	Methyl tert-butyl Ether	50.000	48.921	2.2	96	0.04
20 T	Methylene Chloride	50.000	46.386	7.2	95	0.03
21 T	trans-1,2-Dichloroethene	50.000	49.452	1.1	92	0.03
22 T	Diisopropyl ether	50.000	49.089	1.8	97	0.03
23 T	Vinyl Acetate	250.000	261.341	-4.5	100	0.04
24 P	1,1-Dichloroethane	50.000	49.821	0.4	101	0.03
25 T	2-Butanone	250.000	246.051	1.6	102	0.03
26 T	2,2-Dichloropropane	50.000	56.135	-12.3	115	0.03
27 T	cis-1,2-Dichloroethene	50.000	50.038	-0.1	101	0.04
28 T	Bromochloromethane	50.000	56.366	-12.7	113	0.03
29	Tetrahydrofuran	250.000	221.227	11.5	94	0.04
30 C	Chloroform	50.000	52.714	-5.4#	105	0.03
31 T	Cyclohexane	50.000	51.160	-2.3	99	0.02
32 T	1,1,1-Trichloroethane	50.000	55.499	-11.0	108	0.03
33 S	1,2-Dichloroethane-d4	50.000	46.452	7.1	90	0.03
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.03
35 S	Dibromofluoromethane	50.000	48.754	2.5	91	0.04
36 T	1,1-Dichloropropene	50.000	50.580	-1.2	101	0.03
37 T	Ethyl Acetate	50.000	48.462	3.1	95	0.03
38 T	Carbon Tetrachloride	50.000	54.965	-9.9	107	0.02
39 T	Methylcyclohexane	50.000	48.337	3.3	92	0.01
40 TM	Benzene	50.000	46.333	7.3	92	0.02
41 T	Methacrylonitrile	50.000	46.496	7.0	94	0.03
42 TM	1,2-Dichloroethane	50.000	54.943	-9.9	108	0.03
43 T	Isopropyl Acetate	50.000	46.478	7.0	92	0.02
44 TM	Trichloroethene	50.000	51.280	-2.6	99	0.03
45 C	1,2-Dichloropropane	50.000	46.582	6.8#	93	0.02

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.532	0.9	97	0.03
47 T	Bromodichloromethane	50.000	53.185	-6.4	105	0.02
48 T	Methyl methacrylate	50.000	46.681	6.6	95	0.03
49 T	1,4-Dioxane	1000.000	844.973	15.5	85	0.03
50 S	Toluene-d8	50.000	42.116	15.8	77	0.01
51 T	4-Methyl-2-Pentanone	250.000	225.455	9.8	93	0.02
52 CM	Toluene	50.000	51.257	-2.5#	101	0.01
53 T	t-1,3-Dichloropropene	50.000	51.433	-2.9	100	0.02
54 T	cis-1,3-Dichloropropene	50.000	48.151	3.7	91	0.02
55 T	1,1,2-Trichloroethane	50.000	46.710	6.6	88	0.02
56 T	Ethyl methacrylate	50.000	46.779	6.4	88	0.01
57 T	1,3-Dichloropropane	50.000	50.257	-0.5	93	0.02
58 T	2-Chloroethyl Vinyl ether	250.000	255.680	-2.3	99	0.01
59 T	2-Hexanone	250.000	240.827	3.7	97	0.01
60 T	Dibromochloromethane	50.000	49.044	1.9	95	0.02
61 T	1,2-Dibromoethane	50.000	47.798	4.4	96	0.01
62 S	4-Bromofluorobenzene	50.000	45.644	8.7	83	0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.01
64 T	Tetrachloroethene	50.000	55.379	-10.8	101	0.02
65 PM	Chlorobenzene	50.000	48.797	2.4	94	0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	55.213	-10.4	98	0.01
67 C	Ethyl Benzene	50.000	53.607	-7.2#	96	0.01
68 T	m/p-Xylenes	100.000	103.327	-3.3	90	0.01
69 T	o-Xylene	50.000	51.999	-4.0	93	0.01
70 T	Styrene	50.000	53.218	-6.4	99	0.01
71 P	Bromoform	50.000	54.274	-8.5	96	0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.01
73 T	Isopropylbenzene	50.000	58.187	-16.4	98	0.00
74 T	N-amyl acetate	50.000	51.400	-2.8	88	0.01
75 P	1,1,2,2-Tetrachloroethane	50.000	50.463	-0.9	90	0.01
76 T	1,2,3-Trichloropropane	50.000	51.782	-3.6	94	0.01
77 T	Bromobenzene	50.000	56.757	-13.5	103	0.01
78 T	n-propylbenzene	50.000	55.615	-11.2	99	0.01
79 T	2-Chlorotoluene	50.000	56.216	-12.4	97	0.01
80 T	1,3,5-Trimethylbenzene	50.000	59.083	-18.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.928	0.1	82	0.01
82 T	4-Chlorotoluene	50.000	55.285	-10.6	95	0.01
83 T	tert-Butylbenzene	50.000	56.862	-13.7	96	0.01
84 T	1,2,4-Trimethylbenzene	50.000	55.434	-10.9	96	0.01
85 T	sec-Butylbenzene	50.000	54.658	-9.3	94	0.00
86 T	p-Isopropyltoluene	50.000	52.846	-5.7	85	0.01
87 T	1,3-Dichlorobenzene	50.000	55.126	-10.3	95	0.00
88 T	1,4-Dichlorobenzene	50.000	53.193	-6.4	95	0.01
89 T	n-Butylbenzene	50.000	56.670	-13.3	101	0.01

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051119\
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	58.984	-18.0	99	0.00
91 T	1,2-Dichlorobenzene	50.000	52.105	-4.2	95	0.01
92 T	1,2-Dibromo-3-Chloropropane	50.000	58.067	-16.1	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	62.384	-24.8#	113	0.01
94 T	Hexachlorobutadiene	50.000	56.431	-12.9	98	0.01
95 T	Naphthalene	50.000	55.400	-10.8	94	0.01
96 T	1,2,3-Trichlorobenzene	50.000	60.339	-20.7#	104	0.01

(#) = Out of Range

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