

Data File : VF062474.D
Acq On : 11 May 2019 22:43
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_F
LabSampleId :
VSTDCCC050

Quant Time: May 12 10:22:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 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	93	0.02
2 T	Dichlorodifluoromethane	50.000	41.197	17.6	87	0.00
3 P	Chloromethane	50.000	40.599	18.8	88	-0.01
4 C	Vinyl Chloride	50.000	41.640	16.7#	87	0.00
5 T	Bromomethane	50.000	50.102	-0.2	95	-0.01
6 T	Chloroethane	50.000	48.785	2.4	97	0.00
7 T	Trichlorofluoromethane	50.000	49.895	0.2	96	-0.01
8 T	Diethyl Ether	50.000	48.053	3.9	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.496	1.0	97	-0.01
10 T	Methyl Iodide	50.000	50.062	-0.1	98	-0.01
11 T	Tert butyl alcohol	250.000	215.862	13.7	85	-0.01
12 CM	1,1-Dichloroethene	50.000	45.171	9.7#	93	-0.01
13 T	Acrolein	250.000	299.202	-19.7	107	0.00
14 T	Allyl chloride	50.000	63.934	-27.9#	135	0.00
15 T	Acrylonitrile	250.000	231.032	7.6	85	0.00
16 T	Acetone	250.000	217.506	13.0	79	0.00
17 T	Carbon Disulfide	50.000	41.177	17.6	84	-0.01
18 T	Methyl Acetate	50.000	48.285	3.4	90	0.00
19 T	Methyl tert-butyl Ether	50.000	50.051	-0.1	96	0.00
20 T	Methylene Chloride	50.000	48.216	3.6	99	-0.01
21 T	trans-1,2-Dichloroethene	50.000	43.261	13.5	86	0.00
22 T	Diisopropyl ether	50.000	47.837	4.3	87	0.00
23 T	Vinyl Acetate	250.000	240.922	3.6	83	0.00
24 P	1,1-Dichloroethane	50.000	52.290	-4.6	95	0.00
25 T	2-Butanone	250.000	228.225	8.7	83	0.00
26 T	2,2-Dichloropropane	50.000	54.810	-9.6	103	0.02
27 T	cis-1,2-Dichloroethene	50.000	49.346	1.3	93	0.02
28 T	Bromochloromethane	50.000	53.951	-7.9	91	0.02
29 T	Tetrahydrofuran	250.000	207.107	17.2	80	0.02
30 C	Chloroform	50.000	52.242	-4.5#	94	0.02
31 T	Cyclohexane	50.000	41.839	16.3	80	0.03
32 T	1,1,1-Trichloroethane	50.000	52.921	-5.8	96	0.02
33 S	1,2-Dichloroethane-d4	50.000	52.185	-4.4	88	0.02
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.02
35 S	Dibromofluoromethane	50.000	55.096	-10.2	92	0.02
36 T	1,1-Dichloropropene	50.000	49.803	0.4	90	0.00
37 T	Ethyl Acetate	50.000	50.611	-1.2	84	0.00
38 T	Carbon Tetrachloride	50.000	62.829	-25.7#	108	0.02
39 T	Methylcyclohexane	50.000	44.807	10.4	78	0.02
40 TM	Benzene	50.000	48.017	4.0	89	0.02
41 T	Methacrylonitrile	50.000	43.740	12.5	80	0.00
42 TM	1,2-Dichloroethane	50.000	51.152	-2.3	89	0.00
43 T	Isopropyl Acetate	50.000	47.695	4.6	87	0.00
44 TM	Trichloroethene	50.000	51.078	-2.2	91	0.00
45 C	1,2-Dichloropropane	50.000	51.045	-2.1#	90	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	52.465	-4.9	93	0.02
47 T	Bromodichloromethane	50.000	51.771	-3.5	92	0.02
48 T	Methyl methacrylate	50.000	48.733	2.5	84	0.00
49 T	1,4-Dioxane	1000.000	830.483	17.0	70	0.02
50 S	Toluene-d8	50.000	52.192	-4.4	88	0.02
51 T	4-Methyl-2-Pentanone	250.000	259.989	-4.0	93	0.00
52 CM	Toluene	50.000	50.405	-0.8#	93	0.02
53 T	t-1,3-Dichloropropene	50.000	51.453	-2.9	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.513	1.0	86	0.00
55 T	1,1,2-Trichloroethane	50.000	54.250	-8.5	95	0.00
56 T	Ethyl methacrylate	50.000	49.324	1.4	90	0.00
57 T	1,3-Dichloropropane	50.000	51.598	-3.2	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	234.316	6.3	87	0.00
59 T	2-Hexanone	250.000	245.873	1.7	88	0.00
60 T	Dibromochloromethane	50.000	55.384	-10.8	95	0.00
61 T	1,2-Dibromoethane	50.000	52.804	-5.6	92	0.02
62 S	4-Bromofluorobenzene	50.000	50.638	-1.3	93	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.02
64 T	Tetrachloroethene	50.000	46.888	6.2	91	0.00
65 PM	Chlorobenzene	50.000	49.940	0.1	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.774	-1.5	96	0.00
67 C	Ethyl Benzene	50.000	49.350	1.3#	95	0.00
68 T	m/p-Xylenes	100.000	99.014	1.0	99	0.00
69 T	o-Xylene	50.000	51.773	-3.5	99	0.00
70 T	Styrene	50.000	48.299	3.4	94	0.00
71 P	Bromoform	50.000	49.647	0.7	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	48.358	3.3	97	0.00
74 T	N-amyl acetate	50.000	47.025	6.0	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.709	2.6	96	0.00
76 T	1,2,3-Trichloropropane	50.000	49.092	1.8	101	0.00
77 T	Bromobenzene	50.000	49.660	0.7	99	0.00
78 T	n-propylbenzene	50.000	47.181	5.6	97	0.00
79 T	2-Chlorotoluene	50.000	48.671	2.7	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.924	4.2	97	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	39.605	20.8#	85	0.00
82 T	4-Chlorotoluene	50.000	48.362	3.3	98	0.00
83 T	tert-Butylbenzene	50.000	47.657	4.7	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.182	3.6	97	0.00
85 T	sec-Butylbenzene	50.000	48.922	2.2	99	0.00
86 T	p-Isopropyltoluene	50.000	47.679	4.6	97	0.00
87 T	1,3-Dichlorobenzene	50.000	49.110	1.8	103	0.00
88 T	1,4-Dichlorobenzene	50.000	47.942	4.1	96	0.00
89 T	n-Butylbenzene	50.000	48.517	3.0	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF051119\
Evaluate Continuing Calibration Report

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.469	5.1	94	0.00
91 T	1,2-Dichlorobenzene	50.000	48.690	2.6	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.275	1.5	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.977	2.0	99	0.00
94 T	Hexachlorobutadiene	50.000	49.429	1.1	99	0.00
95 T	Naphthalene	50.000	49.843	0.3	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.901	0.2	99	0.00

(#) = Out of Range

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