Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007105.D
Acq On : 14 Aug 2016 13:27
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02065

Quant Time: Aug 15 10:27:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	286376	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1126984	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	650848	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1552466	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1886369	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2007496	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	51082	7.79	ng/uL	0.00
5) Phenol-d5	6.97	99	462760	19.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	262043	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	375358	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	371426	19.46	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	175480	21.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	195577	22.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	381714	20.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	468240	21.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1078452	20.05	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1363891	21.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	193511	20.08	ng/ul	0.00
57) Fluorene-d10	15.43	176	956189	20.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	172433	20.10	ng/ul	0.00
70) Anthracene-d10	17.28	188	1494058	20.77	ng/ul	0.00
76) Pyrene-d10	19.57	212	1727670	21.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1903084	20.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	51486	7.55	ng/uL	98
4) Benzaldehyde	6.96	77	314741	22.57	ng/ul	98
6) Phenol	7.00	94	480217	19.65	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.24	93	357443	19.82	ng/ul	99
10) 2-Chlorophenol	7.37	128	384670	20.35	ng/ul	100
11) 2-Methylphenol	8.25	108	360218	19.60	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	402725	19.49	ng/ul	98
14) Acetophenone	8.63	105	576599	19.62	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.62	70	294752	19.27	ng/ul	95
16) 4-Methylphenol	8.57	108	386386	19.27	ng/ul	98
17) Hexachloroethane	8.89	117	163203	20.69	ng/ul	97
20) Nitrobenzene	9.00	77	447528	21.25	ng/ul	100
21) Isophorone	9.53	82	786133	19.92	ng/ul	100
23) 2-Nitrophenol	9.72	139	211782	22.14	ng/ul	96
24) 2,4-Dimethylphenol	9.77	107	451546	20.60	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.01	93	467344	19.73	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	376736	20.64	ng/ul	99
28) Naphthalene	10.65	128	1130839	20.26	ng/ul	100
30) 4-Chloroaniline	10.76	127	476978	21.34	ng/ul	100
31) Hexachlorobutadiene	10.93	225	286927	21.27	ng/ul	98
32) Caprolactam	11.51	113	117597	19.02	ng/ul	89
33) 4-Chloro-3-methylphenol	11.87	107	395501	19.84	ng/ul	97
34) 2-Methylnaphthalene	12.26	142	848675	19.72	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	502309	21.82	ng/ul	97
37) Hexachlorocyclopentadiene	12.61	237	271887	18.55	ng/ul	98
38) 2,4,6-Trichlorophenol	12.87	196	325456	22.05	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	337885	21.86	ng/ul	97
40) 1,1'-Biphenyl	13.27	154	1100665	21.08	ng/ul	97
41) 2-Chloronaphthalene	13.32	162	861594	21.03	ng/ul	99
42) 2-Nitroaniline	13.52	65	261045	22.20	ng/ul	98
44) Dimethylphthalate	13.90	163	1068123	19.87	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	226885	21.72	ng/ul	96
47) Acenaphthylene	14.16	152	1381420	20.77	ng/ul	99
48) 3-Nitroaniline	14.34	138	228340	22.10	ng/ul	99
49) Acenaphthene	14.50	153	896459	20.77	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	114448	18.48	ng/ul	88
52) 4-Nitrophenol	14.65	109	198089	20.22	ng/ul	93
53) Dibenzofuran	14.84	168	1291596	20.15	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	329929	21.40	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.06	232	312568	20.92	ng/ul	96
56) Diethylphthalate	15.27	149	1090415	19.23	ng/ul	99
58) Fluorene	15.49	166	1040518	20.14	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	548136	20.09	ng/ul	98
60) 4-Nitroaniline	15.51	138	253401	20.92	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.57	198	183874	19.70	ng/ul#	97
64) N-Nitrosodiphenylamine	15.70	169	924460	21.04	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	373672	21.25	ng/ul	99
66) Hexachlorobenzene	16.49	284	410751	20.65	ng/ul	98
67) Atrazine	16.65	200	371031	20.95	ng/ul	99
68) Pentachlorophenol	16.83	266	261894	21.40	ng/ul	98
69) Phenanthrene	17.23	178	1696525	20.32	ng/ul	100
71) Anthracene	17.32	178	1755341	20.48	ng/ul	100
72) Carbazole	17.59	167	1542139	20.89	ng/ul	99
73) Di-n-butylphthalate	18.15	149	1883750	20.87	ng/ul	99
74) Fluoranthene	19.24	202	2142955	21.16	ng/ul	99
77) Pyrene	19.60	202	2223535	21.32	ng/ul	100
78) Butylbenzylphthalate	20.51	149	925631	22.83	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.29	252	784569	21.53	ng/ul	100
80) Benzo(a)anthracene	21.35	228	2298512	20.62	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	1301259	21.68	ng/ul	99
82) Chrysene	21.40	228	2060720	20.23	ng/ul	99
84) Di-n-octyl phthalate	22.18	149	2306880	22.28	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	2463506	20.37	ng/ul	100
86) Benzo(k)fluoranthene	23.00	252	2303126	20.28	ng/ul	100
88) Benzo(a)pyrene	23.54	252	2357047	20.56	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	2847861	20.27	ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	2397895	20.33	ng/ul	99
91) Benzo(g,h,i)perylene	26.64	276	2392599	20.15	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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