Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007076.D
Acq On : 13 Aug 2016 19:15
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02063

Quant Time: Aug 15 12:28:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 10:34:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	242547	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	943091	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	544311	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1304284	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1663410	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1794864	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	45246	8.15	ng/uL	0.00
5) Phenol-d5	6.97	99	385199	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	224096	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	318843	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	310281	19.19	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	145492	21.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	157796	21.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	318489	20.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	382294	20.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	905867	20.14	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1127837	20.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	156923	19.47	ng/ul	0.00
57) Fluorene-d10	15.43	176	791119	20.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	141528	19.64	ng/ul	0.00
70) Anthracene-d10	17.28	188	1230327	20.36	ng/ul	0.00
76) Pyrene-d10	19.57	212	1489896	21.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1719598	20.95	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	48130	8.33	ng/uL	96
4) Benzaldehyde	6.96	77	263583	22.32	ng/ul	98
6) Phenol	7.00	94	409417	19.78	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.24	93	305281	19.99	ng/ul	97
10) 2-Chlorophenol	7.37	128	323331	20.20	ng/ul	98
11) 2-Methylphenol	8.25	108	300504	19.31	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.35	45	346139	19.78	ng/ul	97
14) Acetophenone	8.63	105	487405	19.58	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.62	70	245416	18.94	ng/ul	97
16) 4-Methylphenol	8.57	108	325916	19.19	ng/ul	95
17) Hexachloroethane	8.89	117	137700	20.61	ng/ul	97
20) Nitrobenzene	9.00	77	370189	21.00	ng/ul	99
21) Isophorone	9.53	82	654458	19.82	ng/ul	99
23) 2-Nitrophenol	9.72	139	176296	22.02	ng/ul	97
24) 2,4-Dimethylphenol	9.77	107	381036	20.77	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.01	93	397281	20.04	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	314047	20.56	ng/ul	98
28) Naphthalene	10.65	128	946793	20.27	ng/ul	99
30) 4-Chloroaniline	10.76	127	390290	20.86	ng/ul	99
31) Hexachlorobutadiene	10.93	225	238254	21.10	ng/ul	99
32) Caprolactam	11.50	113	94327	18.24	ng/ul	98
33) 4-Chloro-3-methylphenol	11.87	107	332285	19.92	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	715065	19.85	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	416093	21.62	ng/ul	98
37) Hexachlorocyclopentadiene	12.61	237	254005	20.72	ng/ul	98
38) 2,4,6-Trichlorophenol	12.87	196	264837	21.45	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	274411	21.23	ng/ul	97
40) 1,1'-Biphenyl	13.27	154	918453	21.03	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	721988	21.07	ng/ul	100
42) 2-Nitroaniline	13.52	65	210756	21.43	ng/ul	98
44) Dimethylphthalate	13.90	163	904749	20.13	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	183491	21.01	ng/ul	98
47) Acenaphthylene	14.16	152	1135255	20.41	ng/ul	99
48) 3-Nitroaniline	14.34	138	185985	21.52	ng/ul	99
49) Acenaphthene	14.50	153	739838	20.49	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	91774	17.72	ng/ul	93
52) 4-Nitrophenol	14.64	109	165448	20.20	ng/ul	91
53) Dibenzofuran	14.84	168	1080442	20.16	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	269051	20.87	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.06	232	254358	20.36	ng/ul#	97
56) Diethylphthalate	15.27	149	902152	19.02	ng/ul	100
58) Fluorene	15.49	166	867997	20.09	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	458059	20.08	ng/ul	99
60) 4-Nitroaniline	15.50	138	197662	19.51	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.56	198	154129	19.66	ng/ul	96
64) N-Nitrosodiphenylamine	15.70	169	762176	20.65	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	308796	20.90	ng/ul	97
66) Hexachlorobenzene	16.49	284	341919	20.46	ng/ul	98
67) Atrazine	16.65	200	308073	20.71	ng/ul	98
68) Pentachlorophenol	16.83	266	210217	20.45	ng/ul	99
69) Phenanthrene	17.23	178	1422362	20.28	ng/ul	99
71) Anthracene	17.32	178	1481667	20.58	ng/ul	99
72) Carbazole	17.59	167	1294145	20.87	ng/ul	100
73) Di-n-butylphthalate	18.16	149	1552057	20.47	ng/ul	99
74) Fluoranthene	19.24	202	1806705	21.24	ng/ul	99
77) Pyrene	19.60	202	1893197	20.59	ng/ul	99
78) Butylbenzylphthalate	20.51	149	777602	21.75	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	702125	21.85	ng/ul	99
80) Benzo(a)anthracene	21.35	228	2053144	20.89	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	1120332	21.17	ng/ul	98
82) Chrysene	21.40	228	1845209	20.54	ng/ul	99
84) Di-n-octyl phthalate	22.18	149	1996753	21.57	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	2162671	20.00	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	2162933	21.30	ng/ul	100
88) Benzo(a)pyrene	23.54	252	2128716	20.77	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	2603852	20.73	ng/ul	100
90) Dibenzo(a,h)anthracene	25.95	278	2176705	20.65	ng/ul	99
91) Benzo(g,h,i)perylene	26.64	276	2171152	20.45	ng/ul	97

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

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