Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010845.D
Acq On : 17 Jul 2017 21:34
Operator : SJ/JU
Sample : PB100672BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB100672BS

Quant Time: Jul 18 06:44:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	273956	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	1142166	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	799342	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1923988	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1683330	20.00	ng		0.00
86) Perylene-d12	23.19	264	1304172	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	2178767	131.74	ng		0.00
7) Phenol-d6	6.65	99	2896524	127.04	ng		0.00
23) Nitrobenzene-d5	8.59	82	2236606	75.27	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1581339	129.45	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	5123620	79.74	ng		0.00
78) Terphenyl-d14	19.51	244	7484246	85.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	228569	31.321	ng	#	100
3) Pyridine	3.46	79	655159	32.845	ng		88
4) n-Nitrosodimethylamine	3.39	42	404292	39.657	ng	#	68
6) Aniline	6.79	93	841473	29.462	ng		91
8) 2-Chlorophenol	7.02	128	680361	41.550	ng		85
9) Benzaldehyde	6.60	77	450624	28.464	ng		84
10) Phenol	6.67	94	999581	41.466	ng		96
11) bis(2-Chloroethyl)ether	6.89	93	704258	37.933	ng		95
12) 1,3-Dichlorobenzene	7.33	146	747470	36.938	ng	#	79
13) 1,4-Dichlorobenzene	7.48	146	762311	36.505	ng	#	92
14) 1,2-Dichlorobenzene	7.79	146	732852	36.829	ng	#	87
15) Benzyl Alcohol	7.69	79	909261	42.117	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.98	45	656968	40.815	ng		80
17) 2-Methylphenol	7.89	107	663389	42.552	ng	#	80
18) Hexachloroethane	8.50	117	339887	38.804	ng	#	83
19) n-Nitroso-di-n-propylamine	8.26	70	724234	40.101	ng	#	94
20) 3+4-Methylphenols	8.22	107	917109	42.341	ng	#	85
22) Acetophenone	8.26	105	1245974	36.231	ng	#	94
24) Nitrobenzene	8.63	77	1124265	36.918	ng		90
25) Isophorone	9.16	82	1856539	38.138	ng	#	86
26) 2-Nitrophenol	9.33	139	391150	38.600	ng	#	33
27) 2,4-Dimethylphenol	9.41	122	700603	38.737	ng	#	70
28) bis(2-Chloroethoxy)methane	9.65	93	1058364	38.784	ng		98
29) 2,4-Dichlorophenol	9.86	162	808394	39.568	ng		95
30) 1,2,4-Trichlorobenzene	10.07	180	956194	38.284	ng		95
31) Naphthalene	10.26	128	2220512	38.235	ng		98
32) Benzoic acid	9.57	122	517373	36.459	ng	#	64
33) 4-Chloroaniline	10.37	127	195039	8.336	ng	#	76
34) Hexachlorobutadiene	10.55	225	729038	37.618	ng		93
35) Caprolactam	11.16	113	219405m	40.337	ng		
36) 4-Chloro-3-methylphenol	11.51	107	986900	39.934	ng	#	77
37) 2-Methylnaphthalene	11.88	142	1752226	42.006	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1239869	35.585	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	1967893	98.524	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	811074	37.804	ng		100
43) 2,4,5-Trichlorophenol	12.58	196	849067	40.085	ng	#	89
45) 1,1'-Biphenyl	12.92	154	2484168	35.672	ng		97
46) 2-Chloronaphthalene	12.96	162	1979275	38.762	ng		94
47) 2-Nitroaniline	13.17	65	696759	41.510	ng	#	72
48) Acenaphthylene	13.82	152	2937739	38.682	ng		99
49) Dimethylphthalate	13.57	163	2587857	38.055	ng	#	98
50) 2,6-Dinitrotoluene	13.69	165	532289	39.906	ng	#	64
51) Acenaphthene	14.16	154	1806175	38.921	ng		98
52) 3-Nitroaniline	14.01	138	255251	21.050	ng	#	40
53) 2,4-Dinitrophenol	14.22	184	742131	80.486	ng	#	84
54) Dibenzofuran	14.50	168	3146762	41.920	ng	#	89
55) 4-Nitrophenol	14.34	139	790576	75.070	ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	766384	41.407	ng		92
57) Fluorene	15.16	166	2552502	39.556	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.73	232	863295	43.864	ng	#	100
59) Diethylphthalate	14.96	149	2716419	40.447	ng		99
60) 4-Chlorophenyl-phenylether	15.16	204	1533372	38.683	ng		96
61) 4-Nitroaniline	15.19	138	483566	38.154	ng	#	1
62) Azobenzene	15.45	77	3086438	45.258	ng		87
64) 4,6-Dinitro-2-methylphenol	15.24	198	490652	38.674	ng		94
65) n-Nitrosodiphenylamine	15.37	169	2256491	40.988	ng		98
66) 4-Bromophenyl-phenylether	16.05	248	1048208	42.989	ng	#	90
67) Hexachlorobenzene	16.16	284	1068407	38.319	ng	#	85
68) Atrazine	16.34	200	930178	40.799	ng		96
69) Pentachlorophenol	16.50	266	1357288	75.937	ng		97
70) Phenanthrene	16.89	178	4154137	41.503	ng		99
71) Anthracene	16.99	178	4201878	42.292	ng		99
72) Carbazole	17.26	167	3377929	38.604	ng		100
73) Di-n-butylphthalate	17.84	149	4237387	40.931	ng	#	96
74) Fluoranthene	18.92	202	4807768	38.784	ng		99
76) Benzidine	19.12	184	1900205	42.183	ng		99
77) Pyrene	19.29	202	4895253	50.164	ng		100
79) Butylbenzylphthalate	20.22	149	1552279	45.435	ng	#	73
80) Benzo(a)anthracene	21.05	228	4106566	42.102	ng		98
81) 3,3'-Dichlorobenzidine	20.99	252	861539	22.464	ng	#	96
82) Chrysene	21.10	228	3800384	40.911	ng		100
83) Bis(2-ethylhexyl)phthalate	21.01	149	2079423	41.796	ng	#	99
84) Di-n-octyl phthalate	21.86	149	3116407	38.231	ng		99
85) Indeno(1,2,3-cd)pyrene	25.30	276	3390233	31.827	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	3499465	42.243	ng	#	92
88) Benzo(k)fluoranthene	22.61	252	3359054	42.452	ng	#	94
89) Benzo(a)pyrene	23.10	252	3179590	42.167	ng	#	96
90) Dibenzo(a,h)anthracene	25.31	278	2799110	38.247	ng	#	90
91) Benzo(g,h,i)perylene	25.94	276	2762030	38.392	ng	#	86

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

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