Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021752.D
Acq On : 19 Apr 2016 2:56
Operator : UM/SJ
Sample : H2503-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : POST-EX-20-20160412MS

Quant Time: Apr 19 11:34:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	42372	20.00	ng		-0.01
21) Naphthalene-d8	11.03	136	196074	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	112165	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	204519	20.00	ng		0.00
75) Chrysene-d12	21.84	240	225171	20.00	ng		0.00
86) Perylene-d12	25.17	264	225957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	367048	144.25	ng		0.00
7) Phenol-d6	7.38	99	558502	146.95	ng		0.02
23) Nitrobenzene-d5	9.39	82	343793	90.12	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	144656	119.66	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	735118	96.03	ng		0.00
78) Terphenyl-d14	20.14	244	777767	86.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	29326	25.89	ng	#	86
3) Pyridine	4.03	79	93580	27.53	ng	#	88
4) n-Nitrosodimethylamine	3.95	42	53441	31.73	ng	#	80
6) Aniline	7.54	93	51326	10.21	ng		94
8) 2-Chlorophenol	7.78	128	127036	41.65	ng		94
9) Benzaldehyde	7.35	77	38099	17.34	ng		84
10) Phenol	7.40	94	175524	42.94	ng		98
11) bis(2-Chloroethyl)ether	7.63	93	122574	37.46	ng		92
12) 1,3-Dichlorobenzene	8.10	146	131901	38.72	ng		94
13) 1,4-Dichlorobenzene	8.25	146	131930	38.04	ng		95
14) 1,2-Dichlorobenzene	8.57	146	130770	39.30	ng		96
15) Benzyl Alcohol	8.45	79	124845	42.98	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.74	45	233766	33.36	ng		98
17) 2-Methylphenol	8.65	107	121434	42.96	ng		95
18) Hexachloroethane	9.30	117	49437	39.17	ng	#	74
19) n-Nitroso-di-n-propylamine	9.02	70	109975	37.24	ng		92
20) 3+4-Methylphenols	8.99	107	169470	43.82	ng		97
22) Acetophenone	9.04	105	200146	36.65	ng	#	97
24) Nitrobenzene	9.43	77	155859	38.16	ng		94
25) Isophorone	9.94	82	301785	36.15	ng		99
26) 2-Nitrophenol	10.14	139	70747	45.37	ng		98
27) 2,4-Dimethylphenol	10.19	122	129065	36.44	ng		99
28) bis(2-Chloroethoxy)methane	10.42	93	181479	40.91	ng		92
29) 2,4-Dichlorophenol	10.67	162	134552	44.55	ng		99
30) 1,2,4-Trichlorobenzene	10.89	180	138886	42.77	ng		91
31) Naphthalene	11.08	128	420782	40.10	ng	#	94
33) 4-Chloroaniline	11.18	127	53599	11.80	ng		98
34) Hexachlorobutadiene	11.35	225	88375	42.19	ng		99
35) Caprolactam	11.96	113	43181	31.24	ng		97
36) 4-Chloro-3-methylphenol	12.30	107	149504	39.37	ng		96
37) 2-Methylnaphthalene	12.67	142	306202	42.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	156413	44.62	ng		99
40) Hexachlorocyclopentadiene	13.01	237	110478	56.74	ng		98
42) 2,4,6-Trichlorophenol	13.27	196	71847	32.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.35	196	98919	41.01	ng		97
45) 1,1'-Biphenyl	13.66	154	385105	40.75	ng		97
46) 2-Chloronaphthalene	13.71	162	294166	42.10	ng		99
47) 2-Nitroaniline	13.91	65	96962	40.47	ng		96
48) Acenaphthylene	14.55	152	460081	39.83	ng		98
49) Dimethylphthalate	14.27	163	447276	46.12	ng	#	98
50) 2,6-Dinitrotoluene	14.40	165	79707	43.10	ng		97
51) Acenaphthene	14.89	154	283658	38.41	ng		99
52) 3-Nitroaniline	14.73	138	55191	26.91	ng		96
54) Dibenzofuran	15.22	168	433143	42.96	ng		99
55) 4-Nitrophenol	15.03	139	10729	6.11	ng		96
56) 2,4-Dinitrotoluene	15.17	165	100558	40.24	ng		98
57) Fluorene	15.87	166	339054	37.65	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	27377	13.68	ng		99
59) Diethylphthalate	15.62	149	349577	34.53	ng		96
60) 4-Chlorophenyl-phenylether	15.85	204	170598	38.46	ng		98
61) 4-Nitroaniline	15.88	138	71935	31.88	ng		97
62) Azobenzene	16.14	77	322801	37.21	ng		97
64) 4,6-Dinitro-2-methylphenol	15.93	198	382	5.80	ng	#	63
65) n-Nitrosodiphenylamine	16.07	169	289661	47.22	ng		96
66) 4-Bromophenyl-phenylether	16.74	248	102999	47.01	ng		97
67) Hexachlorobenzene	16.87	284	106270	45.94	ng		92
68) Atrazine	17.00	200	98349	40.60	ng		97
69) Pentachlorophenol	17.21	266	9988	7.56	ng		91
70) Phenanthrene	17.61	178	528034	46.85	ng		98
71) Anthracene	17.69	178	475039	41.51	ng		97
72) Carbazole	17.96	167	428498	40.12	ng		99
73) Di-n-butylphthalate	18.50	149	509268	37.49	ng		99
74) Fluoranthene	19.60	202	610337	45.35	ng		98
76) Benzidine	19.77	184	118932	16.96	ng		98
77) Pyrene	19.96	202	615107	47.38	ng		100
79) Butylbenzylphthalate	20.83	149	237964	39.48	ng		97
80) Benzo(a)anthracene	21.81	228	580771	44.82	ng		99
81) 3,3'-Dichlorobenzidine	21.72	252	87530	8.53	ng		97
82) Chrysene	21.88	228	537273	43.16	ng		98
83) Bis(2-ethylhexyl)phthalate	21.70	149	364629	41.36	ng		100
84) Di-n-octyl phthalate	22.95	149	598240	40.51	ng		97
85) Indeno(1,2,3-cd)pyrene	29.00	276	641587	43.35	ng		98
87) Benzo(b)fluoranthene	24.11	252	589742	44.98	ng		99
88) Benzo(k)fluoranthene	24.17	252	532476	41.53	ng		99
89) Benzo(a)pyrene	25.02	252	557515	43.89	ng		97
90) Dibenzo(a,h)anthracene	29.07	278	526414	41.33	ng		99
91) Benzo(g,h,i)perylene	30.21	276	535497	42.85	ng		97

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

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