Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
Data File : BG032803.D
Acq On : 23 Feb 2018 23:19
Operator : SJ/JU
Sample : PB106794BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106794BS

Quant Time: Feb 24 02:27:26 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 17:04:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	54717	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	248402	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	143769	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	354606	20.00	ng		0.00
75) Chrysene-d12	22.63	240	343411	20.00	ng		0.00
86) Perylene-d12	26.44	264	378691	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	428262	125.22	ng		0.00
7) Phenol-d6	8.02	99	567142	118.97	ng		0.00
23) Nitrobenzene-d5	10.13	82	299071	83.72	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	201164	133.07	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	719238	72.15	ng		0.00
78) Terphenyl-d14	20.79	244	1185861	77.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	52756	35.54	ng		87
3) Pyridine	4.43	79	146646	35.85	ng		91
4) n-Nitrosodimethylamine	4.33	42	69133	42.15	ng	#	95
6) Aniline	8.21	93	110929	17.19	ng		96
8) 2-Chlorophenol	8.47	128	157427	42.05	ng		91
9) Benzaldehyde	8.02	77	80192	29.19	ng		93
10) Phenol	8.05	94	201643	41.96	ng		90
11) bis(2-Chloroethyl)ether	8.30	93	142086	36.16	ng		92
12) 1,3-Dichlorobenzene	8.81	146	156024	35.58	ng		97
13) 1,4-Dichlorobenzene	8.96	146	157256	35.63	ng		96
14) 1,2-Dichlorobenzene	9.30	146	147727	34.93	ng		97
15) Benzyl Alcohol	9.16	79	131337	37.48	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.46	45	224648	33.26	ng		96
17) 2-Methylphenol	9.35	107	135264	38.17	ng		96
18) Hexachloroethane	10.06	117	55763	37.11	ng		88
19) n-Nitroso-di-n-propylamine	9.73	70	112107	33.31	ng	#	96
20) 3+4-Methylphenols	9.69	107	185399	37.63	ng		93
22) Acetophenone	9.77	105	216657	34.54	ng	#	93
24) Nitrobenzene	10.17	77	152721	39.81	ng		91
25) Isophorone	10.70	82	311718	35.75	ng		95
26) 2-Nitrophenol	10.90	139	70230	49.66	ng	#	86
27) 2,4-Dimethylphenol	10.92	122	169530	44.76	ng		88
28) bis(2-Chloroethoxy)methane	11.17	93	192958	37.99	ng		96
29) 2,4-Dichlorophenol	11.44	162	140252	40.80	ng		95
30) 1,2,4-Trichlorobenzene	11.66	180	137723	34.18	ng		99
31) Naphthalene	11.86	128	463714	35.73	ng		99
32) Benzoic acid	11.02	122	106363	45.97	ng		85
33) 4-Chloroaniline	11.95	127	97865	16.86	ng		94
34) Hexachlorobutadiene	12.13	225	74310	32.88	ng		98
35) Caprolactam	12.69	113	61874	44.95	ng	#	86
36) 4-Chloro-3-methylphenol	13.00	107	171546	42.88	ng		89
37) 2-Methylnaphthalene	13.42	142	342768	36.50	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	140092	32.83	ng	#	96
40) Hexachlorocyclopentadiene	13.74	237	173601	79.82	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	108404	40.28	ng		97
43) 2,4,5-Trichlorophenol	14.06	196	125329	40.23	ng		96
45) 1,1'-Biphenyl	14.38	154	430416	34.26	ng		97
46) 2-Chloronaphthalene	14.44	162	327589	34.91	ng		99
47) 2-Nitroaniline	14.61	65	106103	45.48	ng		91
48) Acenaphthylene	15.27	152	546646	35.58	ng		99
49) Dimethylphthalate	14.97	163	439164	35.98	ng		99
50) 2,6-Dinitrotoluene	15.10	165	92636	46.25	ng	#	84
51) Acenaphthene	15.61	154	369465	38.61	ng		97
52) 3-Nitroaniline	15.42	138	70041	31.16	ng	#	80
53) 2,4-Dinitrophenol	15.62	184	76213	106.15	ng	#	32
54) Dibenzofuran	15.93	168	511949	37.57	ng		95
55) 4-Nitrophenol	15.69	139	191719	94.50	ng	#	78
56) 2,4-Dinitrotoluene	15.87	165	129497	53.34	ng	#	86
57) Fluorene	16.58	166	422020	37.53	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.14	232	110116m	45.53	ng		
59) Diethylphthalate	16.31	149	480357	37.31	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	201138	36.56	ng		93
61) 4-Nitroaniline	16.57	138	111395	42.80	ng		83
62) Azobenzene	16.85	77	434856	37.75	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	53914	50.96	ng		97
65) n-Nitrosodiphenylamine	16.76	169	400642	34.73	ng		100
66) 4-Bromophenyl-phenylether	17.45	248	124966	33.33	ng	#	90
67) Hexachlorobenzene	17.57	284	132415	32.68	ng	#	93
68) Atrazine	17.68	200	144237	37.99	ng		96
69) Pentachlorophenol	17.90	266	190423	74.61	ng		99
70) Phenanthrene	18.31	178	713377	36.06	ng		98
71) Anthracene	18.40	178	738023	37.16	ng		99
72) Carbazole	18.66	167	709729	36.25	ng		97
73) Di-n-butylphthalate	19.16	149	885699	36.88	ng		99
74) Fluoranthene	20.26	202	822726	37.65	ng		93
76) Benzidine	20.42	184	238453	20.37	ng		99
77) Pyrene	20.62	202	837571	34.59	ng		97
79) Butylbenzylphthalate	21.49	149	415240	38.67	ng		90
80) Benzo(a)anthracene	22.61	228	804564	36.54	ng		99
81) 3,3'-Dichlorobenzidine	22.49	252	172955	21.21	ng	#	97
82) Chrysene	22.69	228	760186	36.14	ng		97
83) Bis(2-ethylhexyl)phthalate	22.46	149	597614	37.60	ng		97
84) Di-n-octyl phthalate	23.88	149	1023196	42.24	ng		98
85) Indeno(1,2,3-cd)pyrene	30.89	276	930557	37.93	ng		97
87) Benzo(b)fluoranthene	25.22	252	812167	36.27	ng	#	97
88) Benzo(k)fluoranthene	25.30	252	793923	35.68	ng	#	95
89) Benzo(a)pyrene	26.26	252	786863	36.95	ng	#	96
90) Dibenzo(a,h)anthracene	30.98	278	783334	36.54	ng	#	94
91) Benzo(g,h,i)perylene	32.28	276	776939	36.77	ng	#	92

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

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