Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032864.D
Acq On : 27 Feb 2018 21:04
Operator : SJ/JU
Sample : PB106879BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 28 03:19:46 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Manual Integrations APPROVED
Sohil
2/28/2018 1:01:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	74124	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	335804	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	197350	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	436539	20.00	ng		0.00
75) Chrysene-d12	22.62	240	409187	20.00	ng		0.00
86) Perylene-d12	26.43	264	441862	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	653623	141.07	ng		0.00
7) Phenol-d6	8.02	99	874033	135.34	ng		0.00
23) Nitrobenzene-d5	10.12	82	486429	98.71	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	297912	143.57	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1110977	81.19	ng		0.00
78) Terphenyl-d14	20.78	244	1589729	87.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	74861	37.230	ng		87
3) Pyridine	4.42	79	213510	38.525	ng		93
4) n-Nitrosodimethylamine	4.32	42	103107	46.403	ng	#	93
6) Aniline	8.21	93	130376	14.914	ng		96
8) 2-Chlorophenol	8.47	128	237666	46.865	ng		91
9) Benzaldehyde	8.01	77	97555	26.210	ng		93
10) Phenol	8.05	94	304985	46.849	ng		91
11) bis(2-Chloroethyl)ether	8.30	93	210376	39.520	ng		94
12) 1,3-Dichlorobenzene	8.81	146	231583	38.988	ng		97
13) 1,4-Dichlorobenzene	8.96	146	233372	39.033	ng		96
14) 1,2-Dichlorobenzene	9.29	146	219976	38.394	ng		98
15) Benzyl Alcohol	9.15	79	202923	42.742	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.45	45	340165	37.172	ng		95
17) 2-Methylphenol	9.35	107	206722	43.063	ng		96
18) Hexachloroethane	10.05	117	83512	41.024	ng	#	86
19) n-Nitroso-di-n-propylamine	9.73	70	172938	37.932	ng	#	97
20) 3+4-Methylphenols	9.68	107	290220	43.480	ng		97
22) Acetophenone	9.76	105	327611	38.630	ng	#	95
24) Nitrobenzene	10.16	77	241196	45.433	ng		91
25) Isophorone	10.69	82	483580	41.028	ng	#	94
26) 2-Nitrophenol	10.89	139	117635	57.894	ng		88
27) 2,4-Dimethylphenol	10.92	122	259356	50.653	ng		89
28) bis(2-Chloroethoxy)methane	11.17	93	296914	43.242	ng		95
29) 2,4-Dichlorophenol	11.43	162	228019	49.067	ng		94
30) 1,2,4-Trichlorobenzene	11.66	180	209926	38.537	ng		96
31) Naphthalene	11.86	128	700723	39.934	ng		99
32) Benzoic acid	11.03	122	146456	46.558	ng	#	82
33) 4-Chloroaniline	11.94	127	116239	14.816	ng		96
34) Hexachlorobutadiene	12.13	225	109549	35.853	ng		95
35) Caprolactam	12.69	113	93778	50.398	ng	#	86
36) 4-Chloro-3-methylphenol	13.01	107	266553	49.290	ng		90
37) 2-Methylnaphthalene	13.41	142	521898	41.111	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	218517	37.300	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	263735	88.334	ng		92

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	172175	46.603 ng		98
43) 2,4,5-Trichlorophenol	14.05	196	192146	44.936 ng	#	96
45) 1,1'-Biphenyl	14.38	154	660834	38.320 ng		94
46) 2-Chloronaphthalene	14.43	162	503345	39.073 ng		98
47) 2-Nitroaniline	14.62	65	174033	52.427 ng		89
48) Acenaphthylene	15.27	152	821993	38.974 ng		98
49) Dimethylphthalate	14.96	163	665886	39.738 ng		99
50) 2,6-Dinitrotoluene	15.09	165	147772	52.301 ng		86
51) Acenaphthene	15.60	154	540742	41.168 ng		99
52) 3-Nitroaniline	15.42	138	85776	28.614 ng	#	83
53) 2,4-Dinitrophenol	15.61	184	75512	84.412 ng	#	1
54) Dibenzofuran	15.93	168	773878	41.377 ng		96
55) 4-Nitrophenol	15.69	139	262629	94.318 ng	#	80
56) 2,4-Dinitrotoluene	15.87	165	204912	59.292 ng	#	84
57) Fluorene	16.57	166	628806	40.734 ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	164631m	49.590 ng		
59) Diethylphthalate	16.30	149	704197	39.843 ng		99
60) 4-Chlorophenyl-phenylether	16.55	204	308954	40.913 ng		94
61) 4-Nitroaniline	16.57	138	151243	42.389 ng		83
62) Azobenzene	16.84	77	652105	41.243 ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	75145	55.552 ng		98
65) n-Nitrosodiphenylamine	16.75	169	585685	41.242 ng		99
66) 4-Bromophenyl-phenylether	17.44	248	185181	40.118 ng	#	91
67) Hexachlorobenzene	17.56	284	194159	38.923 ng	#	91
68) Atrazine	17.68	200	201042	43.008 ng		95
69) Pentachlorophenol	17.90	266	250347	79.677 ng		97
70) Phenanthrene	18.31	178	993395	40.789 ng		97
71) Anthracene	18.40	178	1014221	41.480 ng		97
72) Carbazole	18.65	167	953161	39.550 ng		96
73) Di-n-butylphthalate	19.15	149	1193146	40.355 ng		98
74) Fluoranthene	20.26	202	1107309	41.160 ng		93
76) Benzidine	20.41	184	260547	18.680 ng		97
77) Pyrene	20.61	202	1113051	38.573 ng		96
79) Butylbenzylphthalate	21.48	149	570620	44.601 ng		92
80) Benzo(a)anthracene	22.60	228	1089605	41.526 ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	191383	19.694 ng	#	98
82) Chrysene	22.68	228	1023352	40.828 ng		97
83) Bis(2-ethylhexyl)phthalate	22.44	149	812677	42.913 ng	#	97
84) Di-n-octyl phthalate	23.86	149	1400698	48.524 ng		98
85) Indeno(1,2,3-cd)pyrene	30.86	276	1265121	43.279 ng		98
87) Benzo(b)fluoranthene	25.21	252	1093300	41.847 ng	#	97
88) Benzo(k)fluoranthene	25.29	252	1069481	41.190 ng	#	95
89) Benzo(a)pyrene	26.25	252	1071064	43.102 ng	#	96
90) Dibenzo(a,h)anthracene	30.95	278	1046918	41.856 ng	#	93
91) Benzo(g,h,i)perylene	32.27	276	1040327	42.193 ng	#	93

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

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