Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
Data File : BG027766.D
Acq On : 30 Jun 2017 23:06
Operator : SJ/JU
Sample : PB100260BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB100260BS

Quant Time: Jul 01 01:35:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	37251	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	183395	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	120520	20.00	ng		0.00
63) Phenanthrene-d10	17.82	188	289688	20.00	ng		0.00
75) Chrysene-d12	22.18	240	309482	20.00	ng		0.00
86) Perylene-d12	25.79	264	291285	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	321338	132.84	ng		0.00
7) Phenol-d6	7.62	99	454373	122.95	ng		0.00
23) Nitrobenzene-d5	9.64	82	265641	80.74	ng		0.00
41) 2,4,6-Tribromophenol	16.56	330	232250	140.50	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	688896	81.63	ng		0.00
78) Terphenyl-d14	20.39	244	1144464	86.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.04	88	25545	28.36	ng		88
3) Pyridine	4.42	79	83245	30.02	ng		95
4) n-Nitrosodimethylamine	4.34	42	47950	35.26	ng	#	74
6) Aniline	7.80	93	107575	25.11	ng		97
8) 2-Chlorophenol	8.04	128	116586	43.13	ng		92
9) Benzaldehyde	7.62	77	50101	22.78	ng		85
10) Phenol	7.64	94	154525	42.26	ng		82
11) bis(2-Chloroethyl)ether	7.89	93	98895	35.61	ng		98
12) 1,3-Dichlorobenzene	8.37	146	110187	38.32	ng		91
13) 1,4-Dichlorobenzene	8.51	146	114979	38.59	ng		93
14) 1,2-Dichlorobenzene	8.84	146	111051	38.44	ng		94
15) Benzyl Alcohol	8.70	79	101042	39.52	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.99	45	219331	37.03	ng		98
17) 2-Methylphenol	8.90	107	105113	40.64	ng	#	86
18) Hexachloroethane	9.57	117	40180	38.34	ng	#	83
19) n-Nitroso-di-n-propylamine	9.27	70	93044	34.61	ng		95
20) 3+4-Methylphenols	9.23	107	146938	39.39	ng		89
22) Acetophenone	9.30	105	168871	38.16	ng	#	89
24) Nitrobenzene	9.68	77	129871	37.76	ng	#	85
25) Isophorone	10.20	82	256041	35.70	ng	#	93
26) 2-Nitrophenol	10.40	139	63503	40.87	ng	#	80
27) 2,4-Dimethylphenol	10.44	122	126718	43.54	ng		93
28) bis(2-Chloroethoxy)methane	10.67	93	145149	35.70	ng		98
29) 2,4-Dichlorophenol	10.93	162	116239	45.58	ng		97
30) 1,2,4-Trichlorobenzene	11.15	180	104007	39.99	ng		98
31) Naphthalene	11.35	128	370712	38.01	ng		99
32) Benzoic acid	10.56	122	59152	35.98	ng	#	82
33) 4-Chloroaniline	11.45	127	24665	5.85	ng	#	87
34) Hexachlorobutadiene	11.62	225	62447	43.09	ng		97
35) Caprolactam	12.22	113	48924m	38.14	ng		
36) 4-Chloro-3-methylphenol	12.53	107	153209	42.69	ng		89
37) 2-Methylnaphthalene	12.91	142	281467	38.75	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	127669	40.31	ng		97
40) Hexachlorocyclopentadiene	13.25	237	163002	109.16	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	96889	42.36	ng		92
43) 2,4,5-Trichlorophenol	13.58	196	109645	42.30	ng	#	93
45) 1,1'-Biphenyl	13.90	154	374928	38.81	ng		98
46) 2-Chloronaphthalene	13.95	162	281853	38.62	ng		99
47) 2-Nitroaniline	14.15	65	114529	39.21	ng	#	85
48) Acenaphthylene	14.80	152	491732	36.88	ng		98
49) Dimethylphthalate	14.51	163	405542	39.45	ng		97
50) 2,6-Dinitrotoluene	14.63	165	90180	40.35	ng	#	81
51) Acenaphthene	15.13	154	305866	35.79	ng		95
52) 3-Nitroaniline	14.97	138	41123	15.64	ng	#	78
53) 2,4-Dinitrophenol	15.17	184	101650	82.57	ng		92
54) Dibenzofuran	15.46	168	463401	41.01	ng		96
55) 4-Nitrophenol	15.26	139	164750	82.08	ng	#	62
56) 2,4-Dinitrotoluene	15.42	165	131388	42.15	ng	#	87
57) Fluorene	16.11	166	414145	37.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	102018m	45.66	ng		
59) Diethylphthalate	15.86	149	449833	39.51	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	194232	40.04	ng		95
61) 4-Nitroaniline	16.13	138	105655	38.57	ng	#	66
62) Azobenzene	16.39	77	415321	41.52	ng		93
64) 4,6-Dinitro-2-methylphenol	16.18	198	72018	40.86	ng		85
65) n-Nitrosodiphenylamine	16.31	169	374312	39.72	ng		97
66) 4-Bromophenyl-phenylether	16.99	248	128366	42.37	ng	#	89
67) Hexachlorobenzene	17.12	284	133983	41.76	ng		96
68) Atrazine	17.25	200	130001	43.70	ng		97
69) Pentachlorophenol	17.46	266	163537	79.84	ng		97
70) Phenanthrene	17.86	178	669162	40.01	ng		95
71) Anthracene	17.95	178	671334	39.75	ng		96
72) Carbazole	18.22	167	602178	36.21	ng		95
73) Di-n-butylphthalate	18.74	149	764152	41.81	ng	#	93
74) Fluoranthene	19.85	202	746113	40.82	ng		93
76) Benzidine	20.02	184	251235	35.04	ng		97
77) Pyrene	20.21	202	764813	39.38	ng		96
79) Butylbenzylphthalate	21.09	149	356412	40.75	ng		89
80) Benzo(a)anthracene	22.16	228	749669	40.07	ng		95
81) 3,3'-Dichlorobenzidine	22.06	252	144729	21.31	ng	#	99
82) Chrysene	22.23	228	690290	39.36	ng		96
83) Bis(2-ethylhexyl)phthalate	22.01	149	508796	39.80	ng	#	96
84) Di-n-octyl phthalate	23.36	149	867744	41.09	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.96	276	848683	42.34	ng	#	95
87) Benzo(b)fluoranthene	24.64	252	753939	40.18	ng	#	94
88) Benzo(k)fluoranthene	24.71	252	719114	38.77	ng	#	92
89) Benzo(a)pyrene	25.62	252	707492	40.18	ng	#	94
90) Dibenzo(a,h)anthracene	30.03	278	718863	40.30	ng	#	94
91) Benzo(g,h,i)perylene	31.28	276	686716	40.06	ng	#	90

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

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