Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
Data File : BG027759.D
Acq On : 30 Jun 2017 18:28
Operator : SJ/JU
Sample : PB100337BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB100337BS

Quant Time: Jul 01 01:18:33 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	8.48	152	33631	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	169046	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	109033	20.00	ng		0.00
63) Phenanthrene-d10	17.82	188	262667	20.00	ng		0.00
75) Chrysene-d12	22.18	240	275535	20.00	ng		0.00
86) Perylene-d12	25.80	264	262113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	283663	129.88	ng		0.00
7) Phenol-d6	7.62	99	414416	124.21	ng		0.00
23) Nitrobenzene-d5	9.64	82	240017	79.14	ng		0.00
41) 2,4,6-Tribromophenol	16.56	330	205329	137.30	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	632050	82.79	ng		0.00
78) Terphenyl-d14	20.40	244	1014442	86.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	24688	30.36	ng		97
3) Pyridine	4.43	79	77349	30.89	ng		91
4) n-Nitrosodimethylamine	4.34	42	45965	37.44	ng	#	78
6) Aniline	7.81	93	147604	38.17	ng		96
8) 2-Chlorophenol	8.05	128	110491	45.27	ng		92
9) Benzaldehyde	7.62	77	46998	23.67	ng		90
10) Phenol	7.65	94	145869	44.19	ng		83
11) bis(2-Chloroethyl)ether	7.89	93	96202	38.37	ng		94
12) 1,3-Dichlorobenzene	8.37	146	104603	40.30	ng	#	91
13) 1,4-Dichlorobenzene	8.52	146	106837	39.72	ng		96
14) 1,2-Dichlorobenzene	8.83	146	104489	40.06	ng		96
15) Benzyl Alcohol	8.70	79	97214	42.12	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.99	45	214831	40.17	ng		97
17) 2-Methylphenol	8.90	107	101743	43.57	ng	#	85
18) Hexachloroethane	9.57	117	38160	40.33	ng	#	80
19) n-Nitroso-di-n-propylamine	9.27	70	89898	37.04	ng	#	94
20) 3+4-Methylphenols	9.23	107	140660	41.77	ng		87
22) Acetophenone	9.30	105	164633	40.36	ng	#	89
24) Nitrobenzene	9.69	77	124588	39.29	ng	#	82
25) Isophorone	10.20	82	255793	38.69	ng	#	93
26) 2-Nitrophenol	10.40	139	61980	43.28	ng	#	78
27) 2,4-Dimethylphenol	10.44	122	123522	46.05	ng		90
28) bis(2-Chloroethoxy)methane	10.67	93	145106	38.72	ng		96
29) 2,4-Dichlorophenol	10.93	162	110710	47.10	ng		96
30) 1,2,4-Trichlorobenzene	11.15	180	101711	42.42	ng		99
31) Naphthalene	11.35	128	357559	39.77	ng		99
32) Benzoic acid	10.56	122	58151	37.78	ng	#	86
33) 4-Chloroaniline	11.45	127	78059	20.10	ng	#	89
34) Hexachlorobutadiene	11.62	225	58925	44.11	ng		98
35) Caprolactam	12.22	113	46784m	39.57	ng		
36) 4-Chloro-3-methylphenol	12.53	107	146407	44.26	ng		91
37) 2-Methylnaphthalene	12.92	142	275020m	41.07	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	124566	43.48	ng		97
40) Hexachlorocyclopentadiene	13.26	237	162362	120.19	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	94484	45.66	ng		91
43) 2,4,5-Trichlorophenol	13.59	196	105928	45.18	ng		94
45) 1,1'-Biphenyl	13.90	154	366929	41.99	ng		99
46) 2-Chloronaphthalene	13.96	162	281436	42.63	ng		98
47) 2-Nitroaniline	14.16	65	111866	42.33	ng	#	86
48) Acenaphthylene	14.80	152	477005	39.54	ng		98
49) Dimethylphthalate	14.51	163	393665	42.32	ng		98
50) 2,6-Dinitrotoluene	14.64	165	86048	42.56	ng	#	79
51) Acenaphthene	15.14	154	296610	38.36	ng		97
52) 3-Nitroaniline	14.97	138	70550	29.66	ng	#	78
53) 2,4-Dinitrophenol	15.17	184	96356	86.10	ng		91
54) Dibenzofuran	15.47	168	450822	44.10	ng		97
55) 4-Nitrophenol	15.27	139	159497	87.84	ng	#	59
56) 2,4-Dinitrotoluene	15.42	165	124507	44.15	ng	#	91
57) Fluorene	16.11	166	398016	40.15	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	99234	49.10	ng		91
59) Diethylphthalate	15.86	149	434272	42.17	ng		94
60) 4-Chlorophenyl-phenylether	16.10	204	189436	43.17	ng		94
61) 4-Nitroaniline	16.14	138	102778	41.47	ng	#	67
62) Azobenzene	16.39	77	401005	44.31	ng		94
64) 4,6-Dinitro-2-methylphenol	16.18	198	68496	42.57	ng		76
65) n-Nitrosodiphenylamine	16.31	169	358264	41.93	ng		99
66) 4-Bromophenyl-phenylether	16.99	248	122155	44.46	ng		92
67) Hexachlorobenzene	17.12	284	127662	43.88	ng		97
68) Atrazine	17.25	200	122755	45.50	ng		94
69) Pentachlorophenol	17.46	266	154791	83.07	ng		99
70) Phenanthrene	17.86	178	634112	41.82	ng		95
71) Anthracene	17.96	178	643577	42.03	ng		98
72) Carbazole	18.22	167	576659	38.24	ng		96
73) Di-n-butylphthalate	18.75	149	729941	44.05	ng	#	93
74) Fluoranthene	19.86	202	703850	42.47	ng		94
76) Benzidine	20.03	184	327511	49.81	ng		97
77) Pyrene	20.21	202	722383	41.78	ng		95
79) Butylbenzylphthalate	21.09	149	339413	43.58	ng	#	88
80) Benzo(a)anthracene	22.16	228	707824	42.49	ng		95
81) 3,3'-Dichlorobenzidine	22.06	252	177006	29.28	ng	#	96
82) Chrysene	22.24	228	655762	42.00	ng		95
83) Bis(2-ethylhexyl)phthalate	22.01	149	487326	42.82	ng	#	95
84) Di-n-octyl phthalate	23.36	149	832435	44.27	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.96	276	804681	45.09	ng	#	88
87) Benzo(b)fluoranthene	24.64	252	711712	42.15	ng	#	96
88) Benzo(k)fluoranthene	24.72	252	680016	40.74	ng	#	93
89) Benzo(a)pyrene	25.63	252	674276	42.55	ng	#	93
90) Dibenzo(a,h)anthracene	30.04	278	683812	42.60	ng	#	94
91) Benzo(g,h,i)perylene	31.28	276	650476	42.16	ng	#	89

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

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