Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
Data File : BG028800.D
Acq On : 18 Sep 2017 18:20
Operator : SJ/JU
Sample : PB102383BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102383BS

Manual Integrations APPROVED
Sohil
9/19/2017 5:32:53 PM

Quant Time: Sep 19 03:01:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	28408	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	117846	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	90790	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	254494	20.00	ng		-0.04
75) Chrysene-d12	21.98	240	296240	20.00	ng		-0.05
86) Perylene-d12	25.45	264	295034	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	245738	142.73	ng		-0.04
7) Phenol-d6	7.45	99	342866	132.27	ng		-0.04
23) Nitrobenzene-d5	9.46	82	214964	87.26	ng		-0.04
41) 2,4,6-Tribromophenol	16.40	330	228983	152.49	ng		-0.04
44) 2-Fluorobiphenyl	13.53	172	577033	84.75	ng		-0.04
78) Terphenyl-d14	20.24	244	1158403	83.39	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	23226	33.313	ng		95
3) Pyridine	4.17	79	68740	34.564	ng		98
4) n-Nitrosodimethylamine	4.09	42	35681	39.440	ng	#	74
6) Aniline	7.61	93	115039	38.133	ng		93
8) 2-Chlorophenol	7.85	128	84117	43.828	ng		93
9) Benzaldehyde	7.43	77	33425	20.784	ng		94
10) Phenol	7.47	94	121915	44.565	ng		90
11) bis(2-Chloroethyl)ether	7.70	93	76792	39.099	ng		90
12) 1,3-Dichlorobenzene	8.18	146	85185	41.219	ng		86
13) 1,4-Dichlorobenzene	8.32	146	87769	41.301	ng		99
14) 1,2-Dichlorobenzene	8.65	146	85223	40.593	ng		98
15) Benzyl Alcohol	8.52	79	88244	43.609	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.80	45	138411	38.775	ng		97
17) 2-Methylphenol	8.73	107	79524	44.486	ng	#	91
18) Hexachloroethane	9.37	117	31542	40.497	ng		94
19) n-Nitroso-di-n-propylamine	9.09	70	72398	39.399	ng	#	86
20) 3+4-Methylphenols	9.05	107	113561	45.417	ng		91
22) Acetophenone	9.11	105	136708	39.675	ng	#	86
24) Nitrobenzene	9.50	77	112010	41.061	ng	#	90
25) Isophorone	10.02	82	198928	39.909	ng		99
26) 2-Nitrophenol	10.21	139	49016	42.220	ng	#	84
27) 2,4-Dimethylphenol	10.26	122	90476	42.634	ng		96
28) bis(2-Chloroethoxy)methane	10.49	93	114376	42.254	ng		98
29) 2,4-Dichlorophenol	10.76	162	99260	47.010	ng		93
30) 1,2,4-Trichlorobenzene	10.97	180	100281	41.632	ng		94
31) Naphthalene	11.16	128	265739	43.175	ng		99
32) Benzoic acid	10.41	122	50972	35.619	ng	#	81
33) 4-Chloroaniline	11.27	127	79122	30.687	ng		94
34) Hexachlorobutadiene	11.43	225	68977	38.878	ng		100
35) Caprolactam	12.05	113	36904m	48.739	ng		
36) 4-Chloro-3-methylphenol	12.38	107	123844	45.068	ng		97
37) 2-Methylnaphthalene	12.75	142	212381	46.217	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	137591	36.858	ng	#	95
40) Hexachlorocyclopentadiene	13.08	237	130472	89.021	ng		94

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	98398	41.531 ng		91
43) 2,4,5-Trichlorophenol	13.43	196	107673	45.227 ng	#	90
45) 1,1'-Biphenyl	13.74	154	288874	38.429 ng		94
46) 2-Chloronaphthalene	13.79	162	228695	41.711 ng		99
47) 2-Nitroaniline	13.99	65	94040	46.150 ng		94
48) Acenaphthylene	14.63	152	371371	42.396 ng		97
49) Dimethylphthalate	14.35	163	340817	44.766 ng		98
50) 2,6-Dinitrotoluene	14.48	165	76651	45.248 ng	#	81
51) Acenaphthene	14.97	154	229011	43.038 ng		99
52) 3-Nitroaniline	14.82	138	56996	38.046 ng		87
53) 2,4-Dinitrophenol	15.03	184	77049	85.685 ng		95
54) Dibenzofuran	15.30	168	406231	47.873 ng		94
55) 4-Nitrophenol	15.13	139	102015	92.947 ng	#	79
56) 2,4-Dinitrotoluene	15.27	165	116991	49.116 ng	#	85
57) Fluorene	15.96	166	344131	45.426 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	108763	51.835 ng	#	94
59) Diethylphthalate	15.70	149	364868	46.636 ng		99
60) 4-Chlorophenyl-phenylether	15.94	204	198737	46.070 ng		90
61) 4-Nitroaniline	15.98	138	76579	48.252 ng		88
62) Azobenzene	16.23	77	330118	50.170 ng		91
64) 4,6-Dinitro-2-methylphenol	16.04	198	68011	41.416 ng		92
65) n-Nitrosodiphenylamine	16.16	169	308796	42.327 ng		98
66) 4-Bromophenyl-phenylether	16.83	248	139540	42.612 ng		98
67) Hexachlorobenzene	16.97	284	149992	40.244 ng	#	86
68) Atrazine	17.10	200	136655	43.626 ng		98
69) Pentachlorophenol	17.31	266	143953	85.485 ng		96
70) Phenanthrene	17.71	178	593639	45.614 ng		95
71) Anthracene	17.79	178	609097	46.331 ng		96
72) Carbazole	18.06	167	519130	43.844 ng		94
73) Di-n-butylphthalate	18.59	149	619403	42.664 ng	#	91
74) Fluoranthene	19.70	202	736094	46.323 ng		92
76) Benzidine	19.87	184	348482	45.362 ng		97
77) Pyrene	20.06	202	751544	43.983 ng		95
79) Butylbenzylphthalate	20.93	149	287225	41.621 ng		93
80) Benzo(a)anthracene	21.97	228	784606	44.001 ng		93
81) 3,3'-Dichlorobenzidine	21.87	252	238996	33.058 ng	#	99
82) Chrysene	22.04	228	729188	43.098 ng		93
83) Bis(2-ethylhexyl)phthalate	21.82	149	400097	40.781 ng		99
84) Di-n-octyl phthalate	23.11	149	699697	40.819 ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.43	276	930125	42.786 ng		99
87) Benzo(b)fluoranthene	24.35	252	808175	45.721 ng		97
88) Benzo(k)fluoranthene	24.42	252	783337	44.366 ng		93
89) Benzo(a)pyrene	25.29	252	767759	45.760 ng		96
90) Dibenzo(a,h)anthracene	29.50	278	784396	44.843 ng		99
91) Benzo(g,h,i)perylene	30.69	276	760560	44.561 ng		96

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

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