Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
Data File : BG033894.D
Acq On : 20 Apr 2018 20:08
Operator : SJ/JU
Sample : PB108418BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108418BS

Manual Integrations APPROVED
Sohil
4/23/2018 2:29:50 PM

Quant Time: Apr 21 05:43:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	79113	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	337147	20.00	ng		0.00
38) Acenaphthene-d10	14.47	164	216844	20.00	ng		0.00
63) Phenanthrene-d10	17.22	188	518496	20.00	ng		0.00
75) Chrysene-d12	21.48	240	518321	20.00	ng		-0.01
86) Perylene-d12	24.54	264	534585	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	639823	129.12	ng		0.00
7) Phenol-d6	7.01	99	853903	118.14	ng		0.00
23) Nitrobenzene-d5	8.99	82	495330	83.61	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	337169	133.28	ng		0.00
44) 2-Fluorobiphenyl	13.09	172	1231497	83.43	ng		0.00
78) Terphenyl-d14	19.86	244	1876795	81.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	73219	34.968	ng		91
3) Pyridine	3.80	79	212852	35.134	ng		91
4) n-Nitrosodimethylamine	3.72	42	113464	41.109	ng	#	91
6) Aniline	7.17	93	202419	20.951	ng		99
8) 2-Chlorophenol	7.41	128	225007	40.524	ng		94
9) Benzaldehyde	6.98	77	132016	32.911	ng		98
10) Phenol	7.04	94	292357	39.485	ng		99
11) bis(2-Chloroethyl)ether	7.27	93	205781	36.338	ng		97
12) 1,3-Dichlorobenzene	7.72	146	231797	36.265	ng		99
13) 1,4-Dichlorobenzene	7.87	146	233623	36.087	ng		98
14) 1,2-Dichlorobenzene	8.18	146	224268	35.622	ng		95
15) Benzyl Alcohol	8.07	79	225178	35.729	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	364700	33.020	ng		97
17) 2-Methylphenol	8.27	107	199836	36.421	ng		93
18) Hexachloroethane	8.91	117	86543	36.583	ng		98
19) n-Nitroso-di-n-propylamine	8.64	70	191326	31.055	ng	#	94
20) 3+4-Methylphenols	8.60	107	277479	34.804	ng		92
22) Acetophenone	8.65	105	332385	36.223	ng	#	97
24) Nitrobenzene	9.03	77	256211	39.688	ng		96
25) Isophorone	9.55	82	495872	37.229	ng		96
26) 2-Nitrophenol	9.73	139	112108	43.950	ng		93
27) 2,4-Dimethylphenol	9.80	122	227218	47.624	ng		92
28) bis(2-Chloroethoxy)methane	10.04	93	289103	41.070	ng		97
29) 2,4-Dichlorophenol	10.26	162	238625	44.865	ng		93
30) 1,2,4-Trichlorobenzene	10.48	180	230758	38.737	ng		100
31) Naphthalene	10.67	128	662159	38.192	ng		98
32) Benzoic acid	9.94	122	167987	36.669	ng		93
33) 4-Chloroaniline	10.77	127	108315	13.292	ng		95
34) Hexachlorobutadiene	10.96	225	141890	39.816	ng		89
35) Caprolactam	11.55	113	88177m	38.994	ng		
36) 4-Chloro-3-methylphenol	11.90	107	258842	39.874	ng		90
37) 2-Methylnaphthalene	12.28	142	501883	37.810	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	281694	39.121	ng		97
40) Hexachlorocyclopentadiene	12.64	237	360548	91.067	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	198282	45.165	ng		94
43) 2,4,5-Trichlorophenol	12.96	196	215283	42.654	ng		96
45) 1,1'-Biphenyl	13.30	154	679338	38.701	ng		97
46) 2-Chloronaphthalene	13.34	162	514514	38.657	ng		98
47) 2-Nitroaniline	13.54	65	172587	41.530	ng		88
48) Acenaphthylene	14.19	152	827612	37.408	ng		98
49) Dimethylphthalate	13.93	163	700570	36.728	ng		98
50) 2,6-Dinitrotoluene	14.05	165	154629	42.776	ng		87
51) Acenaphthene	14.53	154	508231	36.568	ng		98
52) 3-Nitroaniline	14.37	138	74805	19.058	ng	#	84
53) 2,4-Dinitrophenol	14.57	184	151812	117.433	ng	#	61
54) Dibenzofuran	14.87	168	794774	38.572	ng		95
55) 4-Nitrophenol	14.68	139	275379	89.454	ng		89
56) 2,4-Dinitrotoluene	14.83	165	209162	43.513	ng		88
57) Fluorene	15.52	166	665995	37.352	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	202067	43.726	ng		99
59) Diethylphthalate	15.31	149	720468	35.734	ng		98
60) 4-Chlorophenyl-phenylether	15.52	204	355711	38.141	ng		96
61) 4-Nitroaniline	15.54	138	165864	39.799	ng		91
62) Azobenzene	15.81	77	662364	36.854	ng		99
64) 4,6-Dinitro-2-methylphenol	15.60	198	100720	41.376	ng		94
65) n-Nitrosodiphenylamine	15.74	169	593966	39.403	ng		99
66) 4-Bromophenyl-phenylether	16.42	248	229264	40.263	ng		97
67) Hexachlorobenzene	16.52	284	233916	38.520	ng		97
68) Atrazine	16.70	200	245037	41.493	ng		99
69) Pentachlorophenol	16.87	266	313040	75.048	ng	#	57
70) Phenanthrene	17.27	178	1063305	38.227	ng		99
71) Anthracene	17.35	178	1100171	39.551	ng		98
72) Carbazole	17.62	167	1008481	37.580	ng		97
73) Di-n-butylphthalate	18.21	149	1204327	36.074	ng		99
74) Fluoranthene	19.28	202	1292429	38.412	ng		96
76) Benzidine	19.46	184	462661	33.055	ng		99
77) Pyrene	19.64	202	1282107	37.713	ng		95
79) Butylbenzylphthalate	20.56	149	572121	38.321	ng		94
80) Benzo(a)anthracene	21.46	228	1263294	38.651	ng		97
81) 3,3'-Dichlorobenzidine	21.38	252	278338	22.839	ng		100
82) Chrysene	21.52	228	1194794	38.281	ng		96
83) Bis(2-ethylhexyl)phthalate	21.41	149	793239	37.622	ng		97
84) Di-n-octyl phthalate	22.59	149	1374908	41.083	ng		99
85) Indeno(1,2,3-cd)pyrene	28.02	276	1480856	41.682	ng	#	93
87) Benzo(b)fluoranthene	23.58	252	1314206	40.298	ng		98
88) Benzo(k)fluoranthene	23.65	252	1245117	38.435	ng		97
89) Benzo(a)pyrene	24.40	252	1268279	40.606	ng		99
90) Dibenzo(a,h)anthracene	28.09	278	1218127	40.306	ng		96
91) Benzo(g,h,i)perylene	29.10	276	1228941	41.325	ng		98

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

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