Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082518\
Data File : BG036418.D
Acq On : 24 Aug 2018 18:17
Operator : JU/SJ
Sample : PB112350BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112350BSD

Manual Integrations APPROVED
Sohil
8/27/2018 5:03:59 PM

Quant Time: Aug 25 05:13:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49265	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	223541	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	147457	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	390067	20.00	ng	0.00
75) Chrysene-d12	21.70	240	405171	20.00	ng	-0.01
86) Perylene-d12	24.91	264	426207	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	352457	113.49	ng	0.00
7) Phenol-d6	7.22	99	481852	108.37	ng	0.00
23) Nitrobenzene-d5	9.23	82	273661	66.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	200476	113.94	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	667736	64.66	ng	-0.01
78) Terphenyl-d14	20.04	244	1199704	69.21	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	51667	35.648	ng	99
3) Pyridine	3.93	79	148772	36.568	ng	98
4) n-Nitrosodimethylamine	3.85	42	74550	41.141	ng	94
6) Aniline	7.39	93	186282	33.005	ng	98
8) 2-Chlorophenol	7.63	128	147307	43.738	ng	98
9) Benzaldehyde	7.20	77	100534	32.833	ng	94
10) Phenol	7.25	94	211302	45.410	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	143522	38.905	ng	98
12) 1,3-Dichlorobenzene	7.96	146	150867	39.230	ng	99
13) 1,4-Dichlorobenzene	8.10	146	152848	39.367	ng	100
14) 1,2-Dichlorobenzene	8.42	146	147265	39.715	ng	96
15) Benzyl Alcohol	8.30	79	150039	41.857	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	273068	36.705	ng	99
17) 2-Methylphenol	8.50	107	140648	45.521	ng	99
18) Hexachloroethane	9.15	117	55352	39.762	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	124439	37.446	ng	91
20) 3+4-Methylphenols	8.83	107	192606	44.649	ng	99
22) Acetophenone	8.89	105	230606	39.285	ng	100
24) Nitrobenzene	9.27	77	179121	40.317	ng	97
25) Isophorone	9.79	82	344775	42.124	ng	98
26) 2-Nitrophenol	9.98	139	77924	44.262	ng	97
27) 2,4-Dimethylphenol	10.04	122	155880	47.824	ng	96
28) bis(2-Chloroethoxy)methane	10.28	93	201195	40.053	ng	100
29) 2,4-Dichlorophenol	10.51	162	162458	45.479	ng	94
30) 1,2,4-Trichlorobenzene	10.74	180	160924	38.509	ng	98
31) Naphthalene	10.93	128	465561	41.662	ng	98
32) Benzoic acid	10.16	122	100217	42.081	ng	93
33) 4-Chloroaniline	11.02	127	126833	24.769	ng	99
34) Hexachlorobutadiene	11.21	225	108726	38.724	ng	97
35) Caprolactam	11.79	113	62003m	43.572	ng	
36) 4-Chloro-3-methylphenol	12.14	107	182738	44.026	ng	99
37) 2-Methylnaphthalene	12.52	142	360813	44.128	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	205140	39.311	ng	99
40) Hexachlorocyclopentadiene	12.87	237	254206	93.627	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	140491	44.197 ng	96
43) 2,4,5-Trichlorophenol	13.19	196	155291	45.802 ng	98
45) 1,1'-Biphenyl	13.53	154	471147	38.492 ng	98
46) 2-Chloronaphthalene	13.57	162	359303	38.452 ng	99
47) 2-Nitroaniline	13.76	65	128708	43.864 ng	96
48) Acenaphthylene	14.42	152	616482	42.214 ng	99
49) Dimethylphthalate	14.14	163	496587	41.242 ng	100
50) 2,6-Dinitrotoluene	14.26	165	110581	44.631 ng	92
51) Acenaphthene	14.76	154	404090	43.205 ng	99
52) 3-Nitroaniline	14.59	138	84470	31.637 ng	98
53) 2,4-Dinitrophenol	14.79	184	85181	90.765 ng	95
54) Dibenzofuran	15.09	168	587398	40.088 ng	98
55) 4-Nitrophenol	14.89	139	192919	88.371 ng	97
56) 2,4-Dinitrotoluene	15.04	165	155961	48.298 ng	90
57) Fluorene	15.74	166	470741	42.975 ng	98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	156688	49.188 ng	97
59) Diethylphthalate	15.51	149	494655	40.764 ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	267668	39.573 ng	98
61) 4-Nitroaniline	15.75	138	120962	43.294 ng	97
62) Azobenzene	16.02	77	485574	39.329 ng	97
64) 4,6-Dinitro-2-methylphenol	15.81	198	73615	42.962 ng	98
65) n-Nitrosodiphenylamine	15.94	169	439539	37.923 ng	99
66) 4-Bromophenyl-phenylether	16.62	248	177807	38.934 ng	98
67) Hexachlorobenzene	16.74	284	183345	39.262 ng	97
68) Atrazine	16.89	200	186368	42.839 ng	99
69) Pentachlorophenol	17.08	266	231353	72.895 ng	98
70) Phenanthrene	17.48	178	815097	41.124 ng	98
71) Anthracene	17.57	178	833368	42.180 ng	100
72) Carbazole	17.83	167	751945	38.109 ng	99
73) Di-n-butylphthalate	18.40	149	861639	39.215 ng	99
74) Fluoranthene	19.48	202	1027250	42.509 ng	100
76) Benzidine	19.66	184	543905	42.076 ng	99
77) Pyrene	19.84	202	1012944	40.655 ng	99
79) Butylbenzylphthalate	20.73	149	408463	41.194 ng	95
80) Benzo(a)anthracene	21.68	228	1023700	41.705 ng	100
81) 3,3'-Dichlorobenzidine	21.59	252	235718	24.096 ng	100
82) Chrysene	21.75	228	942716	40.519 ng	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	557956	40.211 ng	99
84) Di-n-octyl phthalate	22.82	149	959929	41.418 ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1182613	43.763 ng	100
87) Benzo(b)fluoranthene	23.90	252	1020878	43.135 ng	98
88) Benzo(k)fluoranthene	23.97	252	982506	42.492 ng	99
89) Benzo(a)pyrene	24.77	252	997857	43.876 ng	99
90) Dibenzo(a,h)anthracene	28.65	278	947258	43.144 ng	98
91) Benzo(g,h,i)perylene	29.73	276	971370	44.026 ng	97

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

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