Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033692.D
Acq On : 9 Apr 2018 23:32
Operator : SJ/JU
Sample : PB108036BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 10 07:29:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB108036BS

Manual Integrations APPROVED
Sohil
4/10/2018 3:36:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	42815	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	175622	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	126259	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	323002	20.00	ng		0.00
75) Chrysene-d12	22.55	240	326585	20.00	ng		0.00
86) Perylene-d12	26.31	264	348828	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	257461	112.76	ng		0.00
7) Phenol-d6	7.97	99	380189	96.91	ng		0.00
23) Nitrobenzene-d5	10.06	82	362826	94.92	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	164319	87.02	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	816802	93.39	ng		0.00
78) Terphenyl-d14	20.73	244	1356052	88.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	42846	36.950	ng		88
3) Pyridine	4.38	79	123009	38.375	ng		97
4) n-Nitrosodimethylamine	4.29	42	65256	49.608	ng	#	85
6) Aniline	8.15	93	88316	19.142	ng	#	95
8) 2-Chlorophenol	8.40	128	122160	46.799	ng		96
9) Benzaldehyde	7.96	77	35009	14.042	ng		89
10) Phenol	8.00	94	176716	45.623	ng		96
11) bis(2-Chloroethyl)ether	8.24	93	124815	39.478	ng		96
12) 1,3-Dichlorobenzene	8.74	146	128250m	37.580	ng		
13) 1,4-Dichlorobenzene	8.89	146	127979	37.445	ng		98
14) 1,2-Dichlorobenzene	9.22	146	129923	38.949	ng		97
15) Benzyl Alcohol	9.09	79	130296	42.182	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	213685	41.459	ng		89
17) 2-Methylphenol	9.29	107	107487	40.735	ng	#	90
18) Hexachloroethane	9.97	117	51907	39.350	ng		95
19) n-Nitroso-di-n-propylamine	9.66	70	110885	38.572	ng		94
20) 3+4-Methylphenols	9.63	107	152066	40.476	ng		95
22) Acetophenone	9.70	105	193849	40.289	ng	#	97
24) Nitrobenzene	10.10	77	162294	39.666	ng		94
25) Isophorone	10.61	82	311880	42.038	ng		99
26) 2-Nitrophenol	10.83	139	69017	44.555	ng	#	88
27) 2,4-Dimethylphenol	10.86	122	115222	51.204	ng		93
28) bis(2-Chloroethoxy)methane	11.10	93	165044	44.587	ng		96
29) 2,4-Dichlorophenol	11.37	162	127573	46.099	ng		99
30) 1,2,4-Trichlorobenzene	11.59	180	134201	37.325	ng		96
31) Naphthalene	11.79	128	366595	40.282	ng		99
32) Benzoic acid	11.00	122	69956	33.442	ng		90
33) 4-Chloroaniline	11.89	127	65100	15.966	ng		97
34) Hexachlorobutadiene	12.05	225	97464	35.846	ng		97
35) Caprolactam	12.64	113	47090	43.435	ng		92
36) 4-Chloro-3-methylphenol	12.96	107	159802	44.274	ng		93
37) 2-Methylnaphthalene	13.34	142	272841	38.626	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	175210	38.310	ng		99
40) Hexachlorocyclopentadiene	13.66	237	201714	75.237	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	114637	43.142	ng		95
43) 2,4,5-Trichlorophenol	14.00	196	126226	40.189	ng		97
45) 1,1'-Biphenyl	14.32	154	389391	40.143	ng		96
46) 2-Chloronaphthalene	14.37	162	297551	39.783	ng		94
47) 2-Nitroaniline	14.56	65	129046	46.064	ng		90
48) Acenaphthylene	15.21	152	493104	39.497	ng		99
49) Dimethylphthalate	14.90	163	437065	39.777	ng		99
50) 2,6-Dinitrotoluene	15.03	165	95704	42.597	ng		95
51) Acenaphthene	15.54	154	351513	43.677	ng		96
52) 3-Nitroaniline	15.38	138	53387	22.665	ng	#	95
53) 2,4-Dinitrophenol	15.57	184	78490	68.659	ng	#	74
54) Dibenzofuran	15.87	168	490246	41.239	ng	#	90
55) 4-Nitrophenol	15.66	139	152998	92.373	ng		85
56) 2,4-Dinitrotoluene	15.81	165	138077	41.739	ng	#	95
57) Fluorene	16.51	166	413909	40.869	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	127238	43.033	ng		98
59) Diethylphthalate	16.24	149	439120	41.156	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	227200	39.026	ng		99
61) 4-Nitroaniline	16.53	138	94324	39.544	ng		86
62) Azobenzene	16.78	77	444241	42.982	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	73777	38.181	ng		95
65) n-Nitrosodiphenylamine	16.70	169	378316	41.027	ng		94
66) 4-Bromophenyl-phenylether	17.38	248	148999	39.279	ng	#	92
67) Hexachlorobenzene	17.51	284	155739	38.902	ng		98
68) Atrazine	17.62	200	162649	43.528	ng		98
69) Pentachlorophenol	17.85	266	183239	66.687	ng		99
70) Phenanthrene	18.25	178	697683	41.475	ng		99
71) Anthracene	18.34	178	722465	42.416	ng		98
72) Carbazole	18.60	167	645813	42.788	ng	#	96
73) Di-n-butylphthalate	19.09	149	783285	44.586	ng	#	99
74) Fluoranthene	20.20	202	884291	42.479	ng		97
76) Benzidine	20.36	184	236779	26.735	ng		99
77) Pyrene	20.56	202	882675	40.524	ng		99
79) Butylbenzylphthalate	21.41	149	355909	44.279	ng		98
80) Benzo(a)anthracene	22.53	228	860374	41.373	ng		99
81) 3,3'-Dichlorobenzidine	22.41	252	173941	23.505	ng		98
82) Chrysene	22.61	228	813853	40.430	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	491849	44.390	ng		98
84) Di-n-octyl phthalate	23.74	149	845852	49.859	ng		100
85) Indeno(1,2,3-cd)pyrene	30.68	276	962648	44.230	ng	#	65
87) Benzo(b)fluoranthene	25.10	252	835820	41.473	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	856107m	42.001	ng		
89) Benzo(a)pyrene	26.14	252	831098	42.942	ng	#	97
90) Dibenzo(a,h)anthracene	30.75	278	808368	44.341	ng		96
91) Benzo(g,h,i)perylene	32.05	276	810666	44.906	ng		96

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

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