Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031153.D
Acq On : 21 Nov 2017 14:26
Operator : SJ/JU
Sample : PB104384BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 22 15:25:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB104384BS

Manual Integrations APPROVED
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11/22/2017 4:35:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	51249	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	227217	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	153059	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	390087	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	455944	20.00	ng		0.00
86) Perylene-d12	25.08	264	457615	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	434490	145.38	ng		0.00
7) Phenol-d6	7.31	99	559049	138.84	ng		0.00
23) Nitrobenzene-d5	9.31	82	328441	85.65	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	265628	107.28	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	941235	88.36	ng		-0.02
78) Terphenyl-d14	20.09	244	1677188	81.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	46926	38.691	ng	#	84
3) Pyridine	3.95	79	139500	39.619	ng		91
4) n-Nitrosodimethylamine	3.86	42	68611	41.115	ng	#	94
6) Aniline	7.46	93	167080	31.531	ng		92
8) 2-Chlorophenol	7.70	128	163911	49.697	ng		90
9) Benzaldehyde	7.27	77	49686	17.634	ng		92
10) Phenol	7.33	94	210475	50.335	ng		95
11) bis(2-Chloroethyl)ether	7.55	93	150244	45.001	ng		91
12) 1,3-Dichlorobenzene	8.03	146	175582	45.374	ng		97
13) 1,4-Dichlorobenzene	8.17	146	178439	45.505	ng		94
14) 1,2-Dichlorobenzene	8.49	146	174633	46.399	ng		99
15) Benzyl Alcohol	8.38	79	144642	44.785	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.66	45	221675	60.111	ng		91
17) 2-Methylphenol	8.59	107	144936	49.775	ng		97
18) Hexachloroethane	9.23	117	63518	46.541	ng		92
19) n-Nitroso-di-n-propylamine	8.94	70	120850	39.475	ng	#	93
20) 3+4-Methylphenols	8.91	107	196886	47.552	ng		98
22) Acetophenone	8.96	105	239658	42.361	ng	#	93
24) Nitrobenzene	9.35	77	177532	45.324	ng		90
25) Isophorone	9.87	82	340280	45.503	ng	#	92
26) 2-Nitrophenol	10.06	139	99127	48.552	ng	#	88
27) 2,4-Dimethylphenol	10.12	122	163619	53.981	ng		94
28) bis(2-Chloroethoxy)methane	10.34	93	210662	44.727	ng		96
29) 2,4-Dichlorophenol	10.61	162	185666	51.011	ng		91
30) 1,2,4-Trichlorobenzene	10.81	180	205359	47.258	ng		97
31) Naphthalene	11.01	128	507619	45.446	ng		99
32) Benzoic acid	10.27	122	78050	32.932	ng	#	82
33) 4-Chloroaniline	11.12	127	131273	26.847	ng		93
34) Hexachlorobutadiene	11.28	225	130258	43.222	ng		98
35) Caprolactam	11.88	113	63991m	43.038	ng		
36) 4-Chloro-3-methylphenol	12.23	107	185537	46.836	ng	#	86
37) 2-Methylnaphthalene	12.60	142	400727	46.473	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	253639	41.753	ng		96
40) Hexachlorocyclopentadiene	12.94	237	191340	84.475	ng		91

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	167497	48.231	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	176892	46.555	ng	#	93
45) 1,1'-Biphenyl	13.60	154	537661	42.362	ng		99
46) 2-Chloronaphthalene	13.64	162	434360	47.432	ng		96
47) 2-Nitroaniline	13.84	65	120691	44.466	ng	#	77
48) Acenaphthylene	14.48	152	658342	43.924	ng		99
49) Dimethylphthalate	14.21	163	576915	43.593	ng		99
50) 2,6-Dinitrotoluene	14.33	165	128932	47.267	ng	#	78
51) Acenaphthene	14.82	154	408005	43.587	ng		99
52) 3-Nitroaniline	14.67	138	90109	31.111	ng	#	78
53) 2,4-Dinitrophenol	14.88	184	154248	101.116	ng	#	51
54) Dibenzofuran	15.15	168	676511	45.373	ng		99
55) 4-Nitrophenol	14.99	139	183116	88.754	ng	#	81
56) 2,4-Dinitrotoluene	15.12	165	189603	48.081	ng	#	72
57) Fluorene	15.81	166	542132	44.787	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	169347	46.763	ng	#	89
59) Diethylphthalate	15.56	149	577290	42.944	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	325715	44.554	ng		91
61) 4-Nitroaniline	15.83	138	137709	44.901	ng		85
62) Azobenzene	16.08	77	459850	44.854	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	109953	42.406	ng		78
65) n-Nitrosodiphenylamine	16.01	169	516366	43.684	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	217080	43.938	ng		97
67) Hexachlorobenzene	16.81	284	218156	41.556	ng		96
68) Atrazine	16.95	200	207231	42.491	ng		97
69) Pentachlorophenol	17.16	266	218489	75.293	ng		99
70) Phenanthrene	17.54	178	923990	45.493	ng		98
71) Anthracene	17.63	178	957060	47.027	ng		98
72) Carbazole	17.90	167	877746	46.030	ng		98
73) Di-n-butylphthalate	18.44	149	1028220	43.916	ng		99
74) Fluoranthene	19.54	202	1218985	47.402	ng		97
76) Benzidine	19.71	184	477967	32.635	ng		97
77) Pyrene	19.91	202	1236525	45.703	ng		98
79) Butylbenzylphthalate	20.76	149	490231	45.444	ng		85
80) Benzo(a)anthracene	21.75	228	1283639	45.324	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	328664	28.749	ng		98
82) Chrysene	21.82	228	1203842	45.951	ng		96
83) Bis(2-ethylhexyl)phthalate	21.63	149	692657	44.482	ng		100
84) Di-n-octyl phthalate	22.86	149	1215841	47.972	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.88	276	1420944	44.615	ng		98
87) Benzo(b)fluoranthene	24.03	252	1295507	46.801	ng		99
88) Benzo(k)fluoranthene	24.10	252	1259273	45.896	ng		98
89) Benzo(a)pyrene	24.93	252	1255158	47.731	ng		98
90) Dibenzo(a,h)anthracene	28.93	278	1189894	44.270	ng		98
91) Benzo(g,h,i)perylene	30.07	276	1166615	44.720	ng		98

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

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