Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032692.D
Acq On : 14 Feb 2018 22:01
Operator : SJ/JU
Sample : PB106539BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106539BS

Manual Integrations APPROVED
Sohil
2/15/2018 11:07:51 AM

Quant Time: Feb 15 04:36:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.65	152	22458	20.00	ng		-0.02
21) Naphthalene-d8	11.53	136	121128	20.00	ng		-0.02
38) Acenaphthene-d10	15.30	164	73148	20.00	ng		-0.01
63) Phenanthrene-d10	18.03	188	250093	20.00	ng		-0.01
75) Chrysene-d12	22.36	240	324411	20.00	ng		-0.01
86) Perylene-d12	25.99	264	389286	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.10	112	123501	110.33	ng		-0.01
7) Phenol-d6	7.78	99	130536	85.28	ng		-0.01
23) Nitrobenzene-d5	9.86	82	153293	80.43	ng		-0.02
41) 2,4,6-Tribromophenol	16.78	330	157255	139.62	ng		-0.01
44) 2-Fluorobiphenyl	13.92	172	463043	79.16	ng		-0.01
78) Terphenyl-d14	20.58	244	1161561	81.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.75	88	13274	28.348	ng	#	74
3) Pyridine	4.21	79	36474	30.368	ng	#	75
4) n-Nitrosodimethylamine	4.12	42	22317	39.544	ng	#	68
6) Aniline	7.95	93	20692	11.438	ng		98
8) 2-Chlorophenol	8.20	128	62812	48.799	ng		84
9) Benzaldehyde	7.75	77	8114	8.970	ng		91
10) Phenol	7.81	94	64883	43.587	ng		96
11) bis(2-Chloroethyl)ether	8.05	93	40622	34.039	ng	#	80
12) 1,3-Dichlorobenzene	8.54	146	68295	37.620	ng		96
13) 1,4-Dichlorobenzene	8.69	146	72978	40.690	ng		95
14) 1,2-Dichlorobenzene	9.02	146	84060	46.470	ng		97
15) Benzyl Alcohol	8.90	79	59630	51.978	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.18	45	48998	38.149	ng		71
17) 2-Methylphenol	9.10	107	61370m	58.213	ng		
18) Hexachloroethane	9.77	117	27444	41.908	ng	#	78
19) n-Nitroso-di-n-propylamine	9.47	70	46857	45.537	ng	#	89
20) 3+4-Methylphenols	9.44	107	85963	53.951	ng		86
22) Acetophenone	9.50	105	101957	39.578	ng	#	92
24) Nitrobenzene	9.90	77	73112	36.638	ng	#	84
25) Isophorone	10.42	82	133004	36.603	ng	#	84
26) 2-Nitrophenol	10.62	139	50902	47.693	ng	#	87
27) 2,4-Dimethylphenol	10.66	122	80080	57.110	ng		94
28) bis(2-Chloroethoxy)methane	10.90	93	73349	39.487	ng	#	90
29) 2,4-Dichlorophenol	11.17	162	102666	50.025	ng		83
30) 1,2,4-Trichlorobenzene	11.38	180	107330	37.304	ng		93
31) Naphthalene	11.58	128	250901	42.659	ng		99
32) Benzoic acid	10.79	122	33508m	31.481	ng		
33) 4-Chloroaniline	11.68	127	29714	12.732	ng	#	93
34) Hexachlorobutadiene	11.85	225	86948	36.873	ng		96
35) Caprolactam	12.46	113	21659	37.163	ng	#	34
36) 4-Chloro-3-methylphenol	12.78	107	74027	40.101	ng	#	91
37) 2-Methylnaphthalene	13.16	142	159524	33.438	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.51	216	120824	34.972	ng		96
40) Hexachlorocyclopentadiene	13.49	237	152881	69.925	ng		92

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Quant Time: Feb 15 04:36:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
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	13.74	196	78290	45.402	ng		96
43) 2,4,5-Trichlorophenol	13.82	196	87311	40.630	ng	#	92
45) 1,1'-Biphenyl	14.13	154	234322	38.932	ng		94
46) 2-Chloronaphthalene	14.19	162	183992	38.632	ng		96
47) 2-Nitroaniline	14.38	65	42077	40.615	ng	#	77
48) Acenaphthylene	15.03	152	280230	39.993	ng		98
49) Dimethylphthalate	14.73	163	251816	39.826	ng		99
50) 2,6-Dinitrotoluene	14.86	165	55859	42.896	ng	#	71
51) Acenaphthene	15.36	154	194811	40.711	ng		97
52) 3-Nitroaniline	15.20	138	23622	20.542	ng	#	78
53) 2,4-Dinitrophenol	15.40	184	26487	43.763	ng	#	61
54) Dibenzofuran	15.69	168	357101	50.159	ng		97
55) 4-Nitrophenol	15.49	139	79918	92.766	ng	#	73
56) 2,4-Dinitrotoluene	15.64	165	91214	50.837	ng	#	67
57) Fluorene	16.34	166	358760	61.276	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.91	232	117294	57.975	ng	#	86
59) Diethylphthalate	16.08	149	357163	58.054	ng		97
60) 4-Chlorophenyl-phenylether	16.32	204	224555	58.090	ng		89
61) 4-Nitroaniline	16.35	138	64119	54.082	ng	#	77
62) Azobenzene	16.61	77	235201	59.504	ng		86
64) 4,6-Dinitro-2-methylphenol	16.40	198	49974	29.620	ng	#	73
65) n-Nitrosodiphenylamine	16.52	169	304665	41.537	ng		99
66) 4-Bromophenyl-phenylether	17.21	248	151430	42.308	ng		96
67) Hexachlorobenzene	17.34	284	161935	42.124	ng	#	90
68) Atrazine	17.46	200	146934	46.705	ng		95
69) Pentachlorophenol	17.68	266	175506	74.575	ng		98
70) Phenanthrene	18.08	178	552917	41.156	ng		99
71) Anthracene	18.17	178	580012	42.194	ng		99
72) Carbazole	18.43	167	470028	40.104	ng		100
73) Di-n-butylphthalate	18.94	149	546149	41.386	ng		99
74) Fluoranthene	20.04	202	710652	39.623	ng		95
76) Benzidine	20.21	184	139911	18.315	ng		99
77) Pyrene	20.40	202	725948	37.614	ng		99
79) Butylbenzylphthalate	21.26	149	255125	40.128	ng	#	79
80) Benzo(a)anthracene	22.34	228	836947	41.205	ng		99
81) 3,3'-Dichlorobenzidine	22.22	252	146381	19.297	ng	#	97
82) Chrysene	22.41	228	797393	39.813	ng		98
83) Bis(2-ethylhexyl)phthalate	22.18	149	373293	40.716	ng	#	97
84) Di-n-octyl phthalate	23.53	149	660058	45.887	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.20	276	1126087	47.462	ng	#	90
87) Benzo(b)fluoranthene	24.83	252	735355	31.697	ng	#	95
88) Benzo(k)fluoranthene	24.90	252	817453	34.047	ng	#	95
89) Benzo(a)pyrene	25.82	252	942393	41.697	ng	#	95
90) Dibenzo(a,h)anthracene	30.27	278	926749	41.188	ng	#	95
91) Benzo(g,h,i)perylene	31.53	276	936051	43.035	ng	#	89

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

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