Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032826.D
Acq On : 26 Feb 2018 17:46
Operator : SJ/JU
Sample : PB106820BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 27 01:31:16 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB106820BS

Manual Integrations APPROVED
Sohil
2/27/2018 10:23:15 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	69859	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	310162	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	176250	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	387330	20.00	ng		0.00
75) Chrysene-d12	22.63	240	371610	20.00	ng		0.00
86) Perylene-d12	26.44	264	401895	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	461098	105.60	ng		0.00
7) Phenol-d6	8.02	99	606963	99.72	ng		0.00
23) Nitrobenzene-d5	10.13	82	328251	74.79	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	195635	105.57	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	768323	62.87	ng		0.00
78) Terphenyl-d14	20.79	244	1108486	67.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	61601	32.506	ng		84
3) Pyridine	4.43	79	168224	32.207	ng		91
4) n-Nitrosodimethylamine	4.33	42	76901	36.722	ng	#	94
6) Aniline	8.21	93	98905	12.005	ng		96
8) 2-Chlorophenol	8.47	128	179368	37.529	ng		91
9) Benzaldehyde	8.02	77	78213	22.297	ng		92
10) Phenol	8.05	94	228258	37.203	ng		92
11) bis(2-Chloroethyl)ether	8.30	93	164231	32.735	ng		92
12) 1,3-Dichlorobenzene	8.81	146	178817	31.943	ng		98
13) 1,4-Dichlorobenzene	8.96	146	180797	32.085	ng		97
14) 1,2-Dichlorobenzene	9.29	146	174068	32.236	ng		99
15) Benzyl Alcohol	9.16	79	149729	33.463	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.45	45	262338	30.417	ng		95
17) 2-Methylphenol	9.35	107	152729	33.758	ng		96
18) Hexachloroethane	10.06	117	65235	34.002	ng	#	86
19) n-Nitroso-di-n-propylamine	9.73	70	130179	30.296	ng	#	97
20) 3+4-Methylphenols	9.68	107	210773	33.505	ng		94
22) Acetophenone	9.77	105	246738	31.499	ng	#	93
24) Nitrobenzene	10.17	77	179580	37.860	ng		90
25) Isophorone	10.69	82	359330	33.007	ng	#	94
26) 2-Nitrophenol	10.90	139	83081	47.768	ng		89
27) 2,4-Dimethylphenol	10.92	122	191248	40.440	ng		90
28) bis(2-Chloroethoxy)methane	11.17	93	224749	35.438	ng		96
29) 2,4-Dichlorophenol	11.44	162	163229	38.029	ng		97
30) 1,2,4-Trichlorobenzene	11.66	180	158803	31.563	ng		97
31) Naphthalene	11.86	128	533281	32.904	ng		98
32) Benzoic acid	11.02	122	107688	39.807	ng		84
33) 4-Chloroaniline	11.95	127	89973	12.416	ng		92
34) Hexachlorobutadiene	12.13	225	86434	30.627	ng		98
35) Caprolactam	12.69	113	64575	37.573	ng	#	79
36) 4-Chloro-3-methylphenol	13.00	107	188231	37.685	ng		90
37) 2-Methylnaphthalene	13.41	142	392816	33.501	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	164332	31.409	ng	#	97
40) Hexachlorocyclopentadiene	13.74	237	202422	75.915	ng		91

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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	13.98	196	121755	36.901 ng		99
43) 2,4,5-Trichlorophenol	14.06	196	135354	35.444 ng	#	97
45) 1,1'-Biphenyl	14.38	154	489308	31.770 ng		97
46) 2-Chloronaphthalene	14.44	162	367156	31.913 ng		98
47) 2-Nitroaniline	14.62	65	117623	42.068 ng	#	87
48) Acenaphthylene	15.27	152	602988	32.013 ng		99
49) Dimethylphthalate	14.97	163	477719	31.922 ng		100
50) 2,6-Dinitrotoluene	15.09	165	102066	42.465 ng		90
51) Acenaphthene	15.61	154	404668	34.496 ng		97
52) 3-Nitroaniline	15.42	138	68073	26.267 ng	#	84
53) 2,4-Dinitrophenol	15.62	184	77570	93.222 ng	#	37
54) Dibenzofuran	15.94	168	561324	33.606 ng		97
55) 4-Nitrophenol	15.69	139	188665	77.252 ng	#	78
56) 2,4-Dinitrotoluene	15.86	165	140861	48.793 ng		87
57) Fluorene	16.58	166	456368	33.103 ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	115417m	38.928 ng		
59) Diethylphthalate	16.31	149	503483	31.897 ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	222159	32.941 ng		96
61) 4-Nitroaniline	16.57	138	108634	35.129 ng		83
62) Azobenzene	16.84	77	465282	32.950 ng		96
64) 4,6-Dinitro-2-methylphenol	16.62	198	55683	49.004 ng		99
65) n-Nitrosodiphenylamine	16.76	169	417091	33.101 ng		98
66) 4-Bromophenyl-phenylether	17.45	248	133183	32.519 ng	#	90
67) Hexachlorobenzene	17.57	284	138295	31.246 ng		95
68) Atrazine	17.68	200	143706	34.648 ng		95
69) Pentachlorophenol	17.90	266	187840	67.379 ng		100
70) Phenanthrene	18.31	178	717641	33.210 ng		98
71) Anthracene	18.40	178	736000	33.926 ng		99
72) Carbazole	18.65	167	700927	32.779 ng		98
73) Di-n-butylphthalate	19.16	149	865079	32.976 ng		99
74) Fluoranthene	20.26	202	810932	33.973 ng		95
76) Benzidine	20.41	184	172320	13.604 ng		99
77) Pyrene	20.62	202	820399	31.306 ng		97
79) Butylbenzylphthalate	21.49	149	407994	35.115 ng		91
80) Benzo(a)anthracene	22.60	228	787652	33.054 ng		99
81) 3,3'-Dichlorobenzidine	22.49	252	144866	16.414 ng	#	94
82) Chrysene	22.68	228	742566	32.621 ng		97
83) Bis(2-ethylhexyl)phthalate	22.45	149	584681	33.996 ng	#	95
84) Di-n-octyl phthalate	23.88	149	1009630	38.513 ng		98
85) Indeno(1,2,3-cd)pyrene	30.88	276	908546	34.224 ng	#	89
87) Benzo(b)fluoranthene	25.22	252	808767	34.035 ng	#	97
88) Benzo(k)fluoranthene	25.29	252	770708	32.635 ng	#	96
89) Benzo(a)pyrene	26.26	252	769648	34.053 ng	#	95
90) Dibenzo(a,h)anthracene	30.97	278	763324	33.552 ng	#	92
91) Benzo(g,h,i)perylene	32.27	276	757053	33.757 ng	#	91

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

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