Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026344.D
Acq On : 21 Mar 2017 2:18
Operator : SJ/MA
Sample : PB97680BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97680BS

Manual Integrations APPROVED
mohammad
3/21/2017 5:22:27 PM

Quant Time: Mar 21 05:26:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	103425	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	454770	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	271904	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	669175	20.00	ng		0.00
75) Chrysene-d12	21.64	240	769488	20.00	ng		0.00
86) Perylene-d12	24.81	264	754758	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	876816	150.47	ng		0.00
7) Phenol-d6	7.21	99	1138680	145.56	ng		0.00
23) Nitrobenzene-d5	9.20	82	608223	80.42	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	442647	142.16	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1596547	82.34	ng		0.00
78) Terphenyl-d14	19.98	244	2372889	74.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	97253	37.18	ng	#	72
3) Pyridine	3.90	79	272961	38.11	ng	#	63
4) n-Nitrosodimethylamine	3.81	42	84056	42.93	ng	#	1
6) Aniline	7.37	93	103912	9.94	ng	#	87
8) 2-Chlorophenol	7.61	128	323612	49.32	ng	#	82
9) Benzaldehyde	7.18	77	130451	24.70	ng	#	72
10) Phenol	7.24	94	399637	47.87	ng	#	69
11) bis(2-Chloroethyl)ether	7.46	93	294260	42.98	ng	#	81
12) 1,3-Dichlorobenzene	7.93	146	344481	44.10	ng	#	87
13) 1,4-Dichlorobenzene	8.08	146	349483	44.23	ng	#	93
14) 1,2-Dichlorobenzene	8.40	146	335959	44.43	ng	#	90
15) Benzyl Alcohol	8.28	79	236195	46.05	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.57	45	292499	38.48	ng		79
17) 2-Methylphenol	8.49	107	278726	47.01	ng	#	81
18) Hexachloroethane	9.13	117	113573	43.96	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	208913	41.54	ng	#	70
20) 3+4-Methylphenols	8.81	107	380172	46.58	ng	#	85
22) Acetophenone	8.86	105	443323	42.39	ng	#	73
24) Nitrobenzene	9.24	77	310308	41.55	ng	#	75
25) Isophorone	9.77	82	594348	41.69	ng	#	88
26) 2-Nitrophenol	9.96	139	178236	45.87	ng	#	64
27) 2,4-Dimethylphenol	10.01	122	306757	48.09	ng		86
28) bis(2-Chloroethoxy)methane	10.24	93	388031	41.90	ng		97
29) 2,4-Dichlorophenol	10.50	162	320482	49.68	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	323557	44.65	ng		97
31) Naphthalene	10.90	128	968064	42.10	ng		99
32) Benzoic acid	10.14	122	220332	44.89	ng	#	75
33) 4-Chloroaniline	11.01	127	37863	4.05	ng	#	80
34) Hexachlorobutadiene	11.18	225	180379	42.19	ng		99
35) Caprolactam	11.76	113	114331m	44.98	ng		
36) 4-Chloro-3-methylphenol	12.12	107	323617	46.90	ng	#	79
37) 2-Methylnaphthalene	12.49	142	737051	43.76	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	338771	41.41	ng		97
40) Hexachlorocyclopentadiene	12.84	237	400207	92.94	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	251559	46.96	ng		97
43) 2,4,5-Trichlorophenol	13.17	196	268126	45.29	ng	#	92
45) 1,1'-Biphenyl	13.49	154	941224	41.80	ng		98
46) 2-Chloronaphthalene	13.53	162	705306	42.89	ng		97
47) 2-Nitroaniline	13.73	65	192303	41.12	ng	#	55
48) Acenaphthylene	14.38	152	1175898	41.02	ng		99
49) Dimethylphthalate	14.10	163	912623	44.47	ng		98
50) 2,6-Dinitrotoluene	14.22	165	214173	44.71	ng	#	62
51) Acenaphthene	14.72	154	733683	41.56	ng		99
52) 3-Nitroaniline	14.56	138	21639	4.10	ng	#	71
53) 2,4-Dinitrophenol	14.76	184	258305	92.96	ng	#	80
54) Dibenzofuran	15.05	168	1140847	45.90	ng	#	88
55) 4-Nitrophenol	14.86	139	411886	95.37	ng	#	40
56) 2,4-Dinitrotoluene	15.01	165	306989	45.57	ng	#	72
57) Fluorene	15.70	166	936272	42.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	249163	48.25	ng	#	98
59) Diethylphthalate	15.46	149	931265	44.39	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	449712	42.90	ng		89
61) 4-Nitroaniline	15.71	138	213356	38.24	ng	#	49
62) Azobenzene	15.98	77	783432	45.93	ng		78
64) 4,6-Dinitro-2-methylphenol	15.77	198	190399	45.13	ng		85
65) n-Nitrosodiphenylamine	15.90	169	837354	42.64	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	297802	43.24	ng		93
67) Hexachlorobenzene	16.70	284	313132	42.62	ng		93
68) Atrazine	16.84	200	310627	41.78	ng		98
69) Pentachlorophenol	17.04	266	416431	87.18	ng		97
70) Phenanthrene	17.43	178	1509802	42.02	ng		97
71) Anthracene	17.52	178	1568092	42.77	ng		99
72) Carbazole	17.78	167	1511332	40.04	ng	#	95
73) Di-n-butylphthalate	18.33	149	1702402	43.90	ng	#	94
74) Fluoranthene	19.43	202	1848304	43.74	ng		95
76) Benzidine	19.60	184	278272	10.49	ng		98
77) Pyrene	19.79	202	1885990	42.33	ng		99
79) Butylbenzylphthalate	20.66	149	808636	45.36	ng		85
80) Benzo(a)anthracene	21.61	228	1821198	42.06	ng		99
81) 3,3'-Dichlorobenzidine	21.52	252	238865	13.47	ng	#	97
82) Chrysene	21.68	228	1673223	40.44	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1171416	43.50	ng		99
84) Di-n-octyl phthalate	22.71	149	2008147	43.70	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.45	276	2245664	43.96	ng	#	88
87) Benzo(b)fluoranthene	23.81	252	1896973	42.64	ng	#	97
88) Benzo(k)fluoranthene	23.87	252	1854785	42.99	ng	#	95
89) Benzo(a)pyrene	24.67	252	1839728	43.11	ng	#	96
90) Dibenzo(a,h)anthracene	28.50	278	1858990	43.10	ng	#	92
91) Benzo(g,h,i)perylene	29.59	276	1862553	42.86	ng	#	87

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

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