Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026339.D
Acq On : 20 Mar 2017 23:02
Operator : SJ/MA
Sample : PB97592BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97592BS

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

Quant Time: Mar 21 05:20:29 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	114409	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	490755	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	289878	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	708648	20.00	ng		0.00
75) Chrysene-d12	21.64	240	782056	20.00	ng		0.00
86) Perylene-d12	24.81	264	772262	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	982444	152.41	ng		0.00
7) Phenol-d6	7.21	99	1290738	149.15	ng		0.00
23) Nitrobenzene-d5	9.20	82	694739	85.12	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	514212	154.90	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1818507	87.98	ng		0.00
78) Terphenyl-d14	19.98	244	2613020	81.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	99721	34.47	ng	#	73
3) Pyridine	3.90	79	289454	36.53	ng	#	63
4) n-Nitrosodimethylamine	3.81	42	91082	42.06	ng	#	1
6) Aniline	7.37	93	269334	23.30	ng	#	87
8) 2-Chlorophenol	7.61	128	356164	49.07	ng		84
9) Benzaldehyde	7.18	77	152430	26.09	ng	#	68
10) Phenol	7.23	94	451995	48.94	ng	#	70
11) bis(2-Chloroethyl)ether	7.46	93	328307	43.35	ng	#	83
12) 1,3-Dichlorobenzene	7.94	146	377684	43.71	ng	#	86
13) 1,4-Dichlorobenzene	8.08	146	383487	43.88	ng	#	93
14) 1,2-Dichlorobenzene	8.40	146	370697	44.31	ng	#	91
15) Benzyl Alcohol	8.28	79	279253	49.22	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.58	45	331339	39.40	ng		80
17) 2-Methylphenol	8.49	107	309450	47.18	ng	#	80
18) Hexachloroethane	9.13	117	123904	43.35	ng		90
19) n-Nitroso-di-n-propylamine	8.84	70	241688	43.44	ng	#	71
20) 3+4-Methylphenols	8.81	107	432446	47.89	ng		84
22) Acetophenone	8.86	105	503159	44.58	ng	#	75
24) Nitrobenzene	9.24	77	352015	43.68	ng	#	76
25) Isophorone	9.77	82	683984	44.46	ng	#	89
26) 2-Nitrophenol	9.96	139	203164	48.45	ng	#	62
27) 2,4-Dimethylphenol	10.01	122	348009	50.56	ng		86
28) bis(2-Chloroethoxy)methane	10.24	93	443107	44.34	ng		99
29) 2,4-Dichlorophenol	10.50	162	358558	51.51	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	358988	45.91	ng		99
31) Naphthalene	10.90	128	1082157	43.61	ng		100
32) Benzoic acid	10.15	122	251886	47.56	ng	#	74
33) 4-Chloroaniline	11.01	127	105117	10.42	ng	#	83
34) Hexachlorobutadiene	11.18	225	201297	43.63	ng		99
35) Caprolactam	11.76	113	134935m	49.20	ng		
36) 4-Chloro-3-methylphenol	12.12	107	373526	50.16	ng	#	78
37) 2-Methylnaphthalene	12.49	142	834685	45.92	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	379128	43.47	ng		99
40) Hexachlorocyclopentadiene	12.84	237	457084	99.56	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	290900	50.94	ng		93
43) 2,4,5-Trichlorophenol	13.17	196	299947	47.52	ng	#	92
45) 1,1'-Biphenyl	13.49	154	1071397	44.63	ng		99
46) 2-Chloronaphthalene	13.54	162	791702	45.15	ng		97
47) 2-Nitroaniline	13.73	65	229031	45.93	ng	#	59
48) Acenaphthylene	14.38	152	1336757	43.73	ng		99
49) Dimethylphthalate	14.10	163	1051973	48.08	ng		98
50) 2,6-Dinitrotoluene	14.23	165	248792	48.72	ng	#	59
51) Acenaphthene	14.72	154	837044	44.47	ng		99
52) 3-Nitroaniline	14.56	138	100825	17.93	ng	#	66
53) 2,4-Dinitrophenol	14.76	184	298163	100.65	ng	#	77
54) Dibenzofuran	15.05	168	1291206	48.72	ng		90
55) 4-Nitrophenol	14.86	139	465254	101.05	ng	#	40
56) 2,4-Dinitrotoluene	15.01	165	359666	50.08	ng	#	69
57) Fluorene	15.70	166	1069375	45.34	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	292231	53.08	ng	#	98
59) Diethylphthalate	15.46	149	1068740	47.79	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	512350	45.84	ng		90
61) 4-Nitroaniline	15.71	138	268411	45.13	ng	#	52
62) Azobenzene	15.98	77	909039	49.99	ng		79
64) 4,6-Dinitro-2-methylphenol	15.78	198	216890	48.55	ng		84
65) n-Nitrosodiphenylamine	15.90	169	957664	46.05	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	337688	46.30	ng		93
67) Hexachlorobenzene	16.70	284	355508	45.69	ng		92
68) Atrazine	16.84	200	356757	45.31	ng		97
69) Pentachlorophenol	17.04	266	467565	92.43	ng		96
70) Phenanthrene	17.43	178	1705329	44.81	ng		98
71) Anthracene	17.52	178	1767377	45.52	ng		100
72) Carbazole	17.79	167	1693834	42.37	ng	#	96
73) Di-n-butylphthalate	18.33	149	1928781	46.96	ng	#	94
74) Fluoranthene	19.43	202	2041696	45.63	ng		96
76) Benzidine	19.60	184	466599	17.30	ng		98
77) Pyrene	19.79	202	2077072	45.87	ng		100
79) Butylbenzylphthalate	20.67	149	871026	48.07	ng	#	84
80) Benzo(a)anthracene	21.61	228	1986629	45.14	ng		98
81) 3,3'-Dichlorobenzidine	21.52	252	357910	19.87	ng	#	99
82) Chrysene	21.68	228	1837768	43.71	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1266414	46.28	ng		97
84) Di-n-octyl phthalate	22.70	149	2207032	47.26	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.45	276	2445874	47.11	ng	#	87
87) Benzo(b)fluoranthene	23.81	252	2124579	46.67	ng	#	97
88) Benzo(k)fluoranthene	23.87	252	1989105	45.06	ng	#	94
89) Benzo(a)pyrene	24.67	252	2012379	46.09	ng	#	95
90) Dibenzo(a,h)anthracene	28.50	278	2022064	45.82	ng	#	92
91) Benzo(g,h,i)perylene	29.59	276	2033012	45.72	ng	#	87

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

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