Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040417\
Data File : BG026546.D
Acq On : 4 Apr 2017 16:36
Operator : SJ/MA
Sample : PB98019BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB98019BS

Quant Time: Apr 05 03:35:50 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	8.04	152	150546	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	611305	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	362120	20.00	ng		-0.01
63) Phenanthrene-d10	17.38	188	905121	20.00	ng		0.00
75) Chrysene-d12	21.63	240	1072213	20.00	ng		-0.01
86) Perylene-d12	24.80	264	1066909	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	729916	86.06	ng		0.00
7) Phenol-d6	7.21	99	930979	81.76	ng		0.00
23) Nitrobenzene-d5	9.20	82	727132	71.52	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	425998	102.73	ng		-0.01
44) 2-Fluorobiphenyl	13.28	172	2046483	79.25	ng		0.00
78) Terphenyl-d14	19.98	244	3136950	71.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	117415	30.84	ng	#	70
3) Pyridine	3.90	79	320931	30.78	ng	#	59
4) n-Nitrosodimethylamine	3.81	42	98577	34.59	ng	#	1
6) Aniline	7.37	93	308474	20.28	ng	#	86
8) 2-Chlorophenol	7.61	128	397797	41.65	ng	#	79
9) Benzaldehyde	7.18	77	194679	25.32	ng	#	59
10) Phenol	7.23	94	480714	39.56	ng	#	69
11) bis(2-Chloroethyl)ether	7.45	93	350569	35.18	ng	#	77
12) 1,3-Dichlorobenzene	7.93	146	441617	38.84	ng	#	84
13) 1,4-Dichlorobenzene	8.08	146	449979	39.12	ng	#	92
14) 1,2-Dichlorobenzene	8.39	146	427050	38.80	ng	#	91
15) Benzyl Alcohol	8.28	79	279507	37.44	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.57	45	330610	29.88	ng		80
17) 2-Methylphenol	8.48	107	328084	38.02	ng	#	80
18) Hexachloroethane	9.12	117	140526	37.36	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	242845	33.17	ng	#	69
20) 3+4-Methylphenols	8.81	107	453362	38.16	ng		86
22) Acetophenone	8.86	105	530558	37.74	ng	#	73
24) Nitrobenzene	9.24	77	360408	35.90	ng	#	70
25) Isophorone	9.76	82	680465	35.51	ng	#	89
26) 2-Nitrophenol	9.95	139	223248	42.74	ng	#	61
27) 2,4-Dimethylphenol	10.01	122	366047	42.69	ng		87
28) bis(2-Chloroethoxy)methane	10.24	93	458296	36.82	ng	#	97
29) 2,4-Dichlorophenol	10.49	162	397659	45.86	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	415041	42.61	ng		99
31) Naphthalene	10.89	128	1185711	38.36	ng		100
32) Benzoic acid	10.14	122	237670	36.03	ng	#	71
33) 4-Chloroaniline	11.00	127	195393	15.54	ng	#	80
34) Hexachlorobutadiene	11.18	225	242763	42.25	ng		97
35) Caprolactam	11.75	113	136184m	39.86	ng		
36) 4-Chloro-3-methylphenol	12.11	107	383099	41.30	ng	#	72
37) 2-Methylnaphthalene	12.49	142	907483	40.08	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	439227	40.31	ng		97
40) Hexachlorocyclopentadiene	12.84	237	504046	87.89	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	317303	44.48	ng		97
43) 2,4,5-Trichlorophenol	13.17	196	337845	42.85	ng	#	90
45) 1,1'-Biphenyl	13.48	154	1168487	38.96	ng		97
46) 2-Chloronaphthalene	13.53	162	887189	40.51	ng		94
47) 2-Nitroaniline	13.73	65	223590	35.90	ng	#	50
48) Acenaphthylene	14.37	152	1460111	38.24	ng		98
49) Dimethylphthalate	14.10	163	1152981	42.18	ng		98
50) 2,6-Dinitrotoluene	14.22	165	271163	42.51	ng	#	58
51) Acenaphthene	14.71	154	917133	39.01	ng		97
52) 3-Nitroaniline	14.55	138	155130	22.09	ng	#	64
53) 2,4-Dinitrophenol	14.76	184	298306	80.61	ng	#	73
54) Dibenzofuran	15.05	168	1435196	43.35	ng	#	89
55) 4-Nitrophenol	14.86	139	508953	88.49	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	399744	44.55	ng	#	67
57) Fluorene	15.69	166	1178172	39.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	332955	48.41	ng	#	96
59) Diethylphthalate	15.45	149	1164566	41.69	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	590515	42.30	ng		89
61) 4-Nitroaniline	15.71	138	313689	42.22	ng	#	49
62) Azobenzene	15.97	77	914912	40.28	ng		78
64) 4,6-Dinitro-2-methylphenol	15.77	198	248660	43.58	ng		84
65) n-Nitrosodiphenylamine	15.89	169	1067779	40.20	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	403122	43.27	ng		95
67) Hexachlorobenzene	16.70	284	436121	43.89	ng	#	89
68) Atrazine	16.83	200	398825	39.66	ng		96
69) Pentachlorophenol	17.04	266	547207	84.69	ng		97
70) Phenanthrene	17.42	178	1923778	39.58	ng		97
71) Anthracene	17.51	178	1981860	39.96	ng		100
72) Carbazole	17.78	167	1931547	37.83	ng		96
73) Di-n-butylphthalate	18.33	149	2108545	40.20	ng	#	94
74) Fluoranthene	19.42	202	2357367	41.24	ng		96
76) Benzidine	19.60	184	806750	21.82	ng		99
77) Pyrene	19.78	202	2398186	38.63	ng		99
79) Butylbenzylphthalate	20.66	149	1013136	40.79	ng	#	81
80) Benzo(a)anthracene	21.61	228	2377205	39.40	ng		99
81) 3,3'-Dichlorobenzidine	21.52	252	577487	23.38	ng		98
82) Chrysene	21.67	228	2195909	38.09	ng		100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1441327	38.42	ng		97
84) Di-n-octyl phthalate	22.70	149	2476763	38.68	ng	#	80
85) Indeno(1,2,3-cd)pyrene	28.44	276	3005196	42.22	ng	#	88
87) Benzo(b)fluoranthene	23.80	252	2492453	39.63	ng	#	97
88) Benzo(k)fluoranthene	23.86	252	2528116	41.45	ng	#	95
89) Benzo(a)pyrene	24.66	252	2456816	40.73	ng	#	95
90) Dibenzo(a,h)anthracene	28.49	278	2542670	41.71	ng	#	95
91) Benzo(g,h,i)perylene	29.57	276	2511649	40.89	ng	#	89

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

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