Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
Data File : BG026571.D
Acq On : 6 Apr 2017 18:22
Operator : SJ/MA
Sample : PB98094BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB98094BS

Quant Time: Apr 07 02:13:25 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	8.04	152	147541	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	600782	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	354456	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	861710	20.00	ng		0.00
75) Chrysene-d12	21.63	240	1026679	20.00	ng		0.00
86) Perylene-d12	24.82	264	1020110	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1160982	139.67	ng		0.00
7) Phenol-d6	7.21	99	1463080	131.10	ng		0.00
23) Nitrobenzene-d5	9.20	82	768793	76.94	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	635570	156.58	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2138176	84.59	ng		0.00
78) Terphenyl-d14	19.98	244	3094729	73.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	129245	34.64	ng	#	69
3) Pyridine	3.90	79	347870	34.04	ng	#	61
4) n-Nitrosodimethylamine	3.81	42	106081	37.98	ng	#	1
6) Aniline	7.37	93	200591	13.46	ng	#	83
8) 2-Chlorophenol	7.61	128	425472	45.45	ng	#	79
9) Benzaldehyde	7.18	77	172621	22.91	ng	#	65
10) Phenol	7.23	94	509530	42.78	ng	#	69
11) bis(2-Chloroethyl)ether	7.46	93	374079	38.30	ng	#	78
12) 1,3-Dichlorobenzene	7.93	146	471433	42.31	ng	#	85
13) 1,4-Dichlorobenzene	8.08	146	481999	42.76	ng	#	92
14) 1,2-Dichlorobenzene	8.39	146	454430	42.13	ng	#	92
15) Benzyl Alcohol	8.28	79	296087	40.47	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.57	45	356950	32.91	ng		79
17) 2-Methylphenol	8.48	107	354675	41.93	ng	#	80
18) Hexachloroethane	9.12	117	146745	39.81	ng		93
19) n-Nitroso-di-n-propylamine	8.84	70	258696	36.06	ng	#	69
20) 3+4-Methylphenols	8.81	107	483117	41.49	ng		85
22) Acetophenone	8.86	105	561165	40.62	ng	#	73
24) Nitrobenzene	9.24	77	387982	39.33	ng	#	72
25) Isophorone	9.76	82	732582	38.90	ng	#	87
26) 2-Nitrophenol	9.96	139	238039	46.37	ng	#	60
27) 2,4-Dimethylphenol	10.01	122	396917	47.11	ng		85
28) bis(2-Chloroethoxy)methane	10.24	93	496151	40.56	ng	#	98
29) 2,4-Dichlorophenol	10.49	162	423808	49.73	ng		92
30) 1,2,4-Trichlorobenzene	10.70	180	445936	46.59	ng		99
31) Naphthalene	10.89	128	1269241	41.78	ng		100
32) Benzoic acid	10.14	122	232271	35.82	ng	#	72
33) 4-Chloroaniline	11.00	127	118289	9.57	ng	#	80
34) Hexachlorobutadiene	11.18	225	256303	45.38	ng		98
35) Caprolactam	11.75	113	139710m	41.61	ng		
36) 4-Chloro-3-methylphenol	12.11	107	399799	43.86	ng	#	74
37) 2-Methylnaphthalene	12.49	142	969091	43.55	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	468735	43.95	ng		97
40) Hexachlorocyclopentadiene	12.84	237	532836	94.92	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	335434	48.04	ng		94
43) 2,4,5-Trichlorophenol	13.16	196	355050	46.00	ng	#	91
45) 1,1'-Biphenyl	13.49	154	1231977	41.97	ng		97
46) 2-Chloronaphthalene	13.54	162	920418	42.93	ng		96
47) 2-Nitroaniline	13.73	65	231339	37.94	ng	#	51
48) Acenaphthylene	14.37	152	1512446	40.47	ng		99
49) Dimethylphthalate	14.10	163	1174240	43.89	ng		98
50) 2,6-Dinitrotoluene	14.22	165	281194	45.03	ng	#	56
51) Acenaphthene	14.71	154	953917	41.45	ng		99
52) 3-Nitroaniline	14.55	138	85534	12.44	ng	#	64
53) 2,4-Dinitrophenol	14.76	184	294093	81.19	ng	#	75
54) Dibenzofuran	15.05	168	1486410	45.87	ng	#	88
55) 4-Nitrophenol	14.86	139	507067	90.06	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	399723	45.52	ng	#	68
57) Fluorene	15.69	166	1210470	41.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	345477	51.32	ng	#	94
59) Diethylphthalate	15.45	149	1170912	42.82	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	607722	44.47	ng		87
61) 4-Nitroaniline	15.70	138	310434	42.68	ng	#	49
62) Azobenzene	15.97	77	930860	41.87	ng		78
64) 4,6-Dinitro-2-methylphenol	15.77	198	256223	47.16	ng		84
65) n-Nitrosodiphenylamine	15.89	169	1089989	43.10	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	410408	46.27	ng		93
67) Hexachlorobenzene	16.70	284	439137	46.41	ng		90
68) Atrazine	16.83	200	396614	41.43	ng		98
69) Pentachlorophenol	17.04	266	541916	88.10	ng		96
70) Phenanthrene	17.42	178	1931548	41.74	ng		99
71) Anthracene	17.51	178	2008007	42.53	ng		100
72) Carbazole	17.78	167	1928141	39.66	ng	#	96
73) Di-n-butylphthalate	18.33	149	2083085	41.71	ng	#	94
74) Fluoranthene	19.42	202	2343621	43.07	ng		96
76) Benzidine	19.60	184	640161	18.08	ng		97
77) Pyrene	19.79	202	2413880	40.60	ng		99
79) Butylbenzylphthalate	20.66	149	1015363	42.69	ng	#	83
80) Benzo(a)anthracene	21.61	228	2381877	41.23	ng		100
81) 3,3'-Dichlorobenzidine	21.52	252	466607	19.73	ng	#	96
82) Chrysene	21.68	228	2205699	39.96	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1461014	40.67	ng		97
84) Di-n-octyl phthalate	22.70	149	2488524	40.59	ng	#	80
85) Indeno(1,2,3-cd)pyrene	28.44	276	3027751	44.43	ng	#	89
87) Benzo(b)fluoranthene	23.81	252	2540598	42.25	ng	#	97
88) Benzo(k)fluoranthene	23.87	252	2523227	43.27	ng	#	96
89) Benzo(a)pyrene	24.66	252	2489270	43.16	ng	#	96
90) Dibenzo(a,h)anthracene	28.50	278	2532905	43.45	ng	#	94
91) Benzo(g,h,i)perylene	29.58	276	2527258	43.03	ng	#	89

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

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