Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041217\
Data File : BG026639.D
Acq On : 12 Apr 2017 17:14
Operator : SJ/MA
Sample : PB98209BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB98209BSD

Quant Time: Apr 13 02:00:14 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	149395	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	611997	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	386943	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	995749	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1211240	20.00	ng		-0.02
86) Perylene-d12	24.79	264	1243241	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1204513	143.10	ng		0.00
7) Phenol-d6	7.20	99	1542898	136.54	ng		0.00
23) Nitrobenzene-d5	9.19	82	812355	79.81	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	741650	167.37	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	2263685	82.04	ng		-0.01
78) Terphenyl-d14	19.97	244	3527930	70.74	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	132554	35.09	ng	#	68
3) Pyridine	3.89	79	340192	32.88	ng	#	62
4) n-Nitrosodimethylamine	3.80	42	111456	39.41	ng	#	1
6) Aniline	7.36	93	377161	24.99	ng	#	86
8) 2-Chlorophenol	7.60	128	447137	47.18	ng	#	79
9) Benzaldehyde	7.17	77	107352	14.07	ng	#	69
10) Phenol	7.22	94	550655	45.66	ng	#	70
11) bis(2-Chloroethyl)ether	7.45	93	389775	39.42	ng	#	80
12) 1,3-Dichlorobenzene	7.92	146	494450	43.82	ng	#	86
13) 1,4-Dichlorobenzene	8.07	146	496053	43.46	ng	#	93
14) 1,2-Dichlorobenzene	8.39	146	472158	43.23	ng	#	90
15) Benzyl Alcohol	8.27	79	293799	39.66	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.56	45	372221	33.90	ng		80
17) 2-Methylphenol	8.48	107	382783	44.70	ng	#	81
18) Hexachloroethane	9.12	117	153075	41.01	ng		94
19) n-Nitroso-di-n-propylamine	8.83	70	280872	38.66	ng	#	70
20) 3+4-Methylphenols	8.80	107	533160	45.22	ng		83
22) Acetophenone	8.85	105	600525	42.67	ng	#	73
24) Nitrobenzene	9.23	77	412895	41.09	ng	#	69
25) Isophorone	9.75	82	793781	41.38	ng	#	88
26) 2-Nitrophenol	9.94	139	252599	48.31	ng	#	62
27) 2,4-Dimethylphenol	10.00	122	435480	50.74	ng		86
28) bis(2-Chloroethoxy)methane	10.23	93	532728	42.75	ng	#	97
29) 2,4-Dichlorophenol	10.49	162	458850	52.86	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	466626	47.85	ng		97
31) Naphthalene	10.88	128	1336522	43.19	ng		100
32) Benzoic acid	10.13	122	254207	38.49	ng	#	69
33) 4-Chloroaniline	11.00	127	69017	5.48	ng	#	82
34) Hexachlorobutadiene	11.17	225	269012	46.76	ng		97
35) Caprolactam	11.75	113	180289m	52.71	ng		
36) 4-Chloro-3-methylphenol	12.11	107	454655	48.96	ng	#	72
37) 2-Methylnaphthalene	12.48	142	1042828	46.01	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	498278	42.80	ng		97
40) Hexachlorocyclopentadiene	12.83	237	587119	95.81	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	372689	48.89	ng		94
43) 2,4,5-Trichlorophenol	13.16	196	407473	48.36	ng	#	91
45) 1,1'-Biphenyl	13.48	154	1348651	42.09	ng		98
46) 2-Chloronaphthalene	13.52	162	1016822	43.45	ng		96
47) 2-Nitroaniline	13.72	65	280770	42.18	ng	#	48
48) Acenaphthylene	14.36	152	1718477	42.12	ng		99
49) Dimethylphthalate	14.09	163	1391038	47.63	ng		98
50) 2,6-Dinitrotoluene	14.21	165	334675	49.10	ng	#	57
51) Acenaphthene	14.70	154	1084912	43.18	ng		100
52) 3-Nitroaniline	14.55	138	175211	23.34	ng	#	62
53) 2,4-Dinitrophenol	14.75	184	424182	107.27	ng	#	75
54) Dibenzofuran	15.04	168	1688477	47.73	ng	#	89
55) 4-Nitrophenol	14.86	139	621151	101.06	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	493827	51.51	ng	#	67
57) Fluorene	15.68	166	1418011	45.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	399070	54.30	ng	#	95
59) Diethylphthalate	15.44	149	1425801	47.76	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	707765	47.44	ng	#	87
61) 4-Nitroaniline	15.70	138	394562	49.70	ng	#	50
62) Azobenzene	15.96	77	1093867	45.07	ng		78
64) 4,6-Dinitro-2-methylphenol	15.76	198	320440	51.04	ng		84
65) n-Nitrosodiphenylamine	15.88	169	1294783	44.31	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	488521	47.66	ng		93
67) Hexachlorobenzene	16.69	284	525050	48.03	ng	#	89
68) Atrazine	16.82	200	491896	44.46	ng		98
69) Pentachlorophenol	17.03	266	648188	91.19	ng		95
70) Phenanthrene	17.41	178	2307518	43.15	ng		99
71) Anthracene	17.51	178	2373051	43.50	ng		97
72) Carbazole	17.77	167	2346960	41.78	ng		97
73) Di-n-butylphthalate	18.32	149	2589449	44.87	ng	#	96
74) Fluoranthene	19.42	202	2812202	44.72	ng		97
76) Benzidine	19.59	184	481529	11.53	ng		97
77) Pyrene	19.77	202	2879830	41.06	ng		98
79) Butylbenzylphthalate	20.65	149	1270292	45.27	ng	#	84
80) Benzo(a)anthracene	21.60	228	2902772	42.59	ng		97
81) 3,3'-Dichlorobenzidine	21.51	252	867701	31.10	ng		98
82) Chrysene	21.67	228	2687197	41.26	ng		97
83) Bis(2-ethylhexyl)phthalate	21.50	149	1815243	42.83	ng		95
84) Di-n-octyl phthalate	22.68	149	3096565	42.81	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.42	276	3872411	48.16	ng	#	88
87) Benzo(b)fluoranthene	23.79	252	3148911	42.97	ng	#	95
88) Benzo(k)fluoranthene	23.85	252	3148340	44.30	ng	#	97
89) Benzo(a)pyrene	24.65	252	3099912	44.10	ng	#	97
90) Dibenzo(a,h)anthracene	28.46	278	3225163	45.40	ng	#	92
91) Benzo(g,h,i)perylene	29.54	276	3215752	44.93	ng	#	89

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

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