Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\
Data File : BG026422.D
Acq On : 24 Mar 2017 19:50
Operator : SJ/MA
Sample : PB97800BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB97800BS

Quant Time: Mar 24 23:44:52 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	138364	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	590878	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	364801	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	902677	20.00	ng		0.00
75) Chrysene-d12	21.63	240	1016718	20.00	ng		0.00
86) Perylene-d12	24.81	264	1021655	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1138876	146.09	ng		0.00
7) Phenol-d6	7.21	99	1486699	142.05	ng		0.00
23) Nitrobenzene-d5	9.20	82	774891	78.85	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	693206	165.93	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2229335	85.70	ng		0.00
78) Terphenyl-d14	19.98	244	3274222	78.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	112330	32.10	ng	#	69
3) Pyridine	3.90	79	300897	31.40	ng	#	59
4) n-Nitrosodimethylamine	3.81	42	100573	38.40	ng	#	1
6) Aniline	7.37	93	261939	18.74	ng	#	87
8) 2-Chlorophenol	7.61	128	428022	48.76	ng	#	78
9) Benzaldehyde	7.18	77	101966	14.43	ng	#	66
10) Phenol	7.24	94	525577	47.06	ng	#	69
11) bis(2-Chloroethyl)ether	7.46	93	374232	40.86	ng	#	79
12) 1,3-Dichlorobenzene	7.93	146	456447	43.68	ng	#	86
13) 1,4-Dichlorobenzene	8.08	146	460653	43.58	ng	#	94
14) 1,2-Dichlorobenzene	8.40	146	445215	44.01	ng	#	90
15) Benzyl Alcohol	8.28	79	310711	45.28	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.58	45	349290	34.34	ng		78
17) 2-Methylphenol	8.48	107	365968	46.14	ng	#	81
18) Hexachloroethane	9.12	117	143182	41.42	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	270513	40.21	ng	#	70
20) 3+4-Methylphenols	8.81	107	510596	46.76	ng		84
22) Acetophenone	8.86	105	590163	43.43	ng	#	73
24) Nitrobenzene	9.24	77	389859	40.18	ng	#	69
25) Isophorone	9.77	82	782986	42.27	ng	#	87
26) 2-Nitrophenol	9.96	139	244013	48.33	ng	#	61
27) 2,4-Dimethylphenol	10.01	122	419474	50.62	ng		84
28) bis(2-Chloroethoxy)methane	10.24	93	515253	42.82	ng		98
29) 2,4-Dichlorophenol	10.49	162	447357	53.38	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	440786	46.82	ng		97
31) Naphthalene	10.89	128	1284985	43.01	ng		100
32) Benzoic acid	10.16	122	324327	50.86	ng	#	71
33) 4-Chloroaniline	11.00	127	62994	5.18	ng	#	81
34) Hexachlorobutadiene	11.18	225	252380	45.44	ng		97
35) Caprolactam	11.76	113	167889m	50.84	ng		
36) 4-Chloro-3-methylphenol	12.12	107	451735	50.39	ng	#	76
37) 2-Methylnaphthalene	12.49	142	1000834	45.73	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	484065	44.10	ng		98
40) Hexachlorocyclopentadiene	12.84	237	550097	95.21	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	366208	50.96	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	391002	49.22	ng	#	91
45) 1,1'-Biphenyl	13.49	154	1316988	43.59	ng		99
46) 2-Chloronaphthalene	13.54	162	986900	44.73	ng		96
47) 2-Nitroaniline	13.73	65	257143	40.98	ng	#	52
48) Acenaphthylene	14.38	152	1647933	42.84	ng		99
49) Dimethylphthalate	14.10	163	1313796	47.71	ng		98
50) 2,6-Dinitrotoluene	14.22	165	315004	49.02	ng	#	57
51) Acenaphthene	14.72	154	1040741	43.94	ng		98
52) 3-Nitroaniline	14.55	138	84008	11.87	ng	#	67
53) 2,4-Dinitrophenol	14.77	184	414425	111.17	ng	#	72
54) Dibenzofuran	15.05	168	1613089	48.37	ng	#	89
55) 4-Nitrophenol	14.87	139	582349	100.50	ng	#	39
56) 2,4-Dinitrotoluene	15.01	165	458859	50.77	ng	#	65
57) Fluorene	15.69	166	1338399	45.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	383996	55.43	ng	#	95
59) Diethylphthalate	15.46	149	1320507	46.92	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	663309	47.16	ng		89
61) 4-Nitroaniline	15.71	138	345748	46.19	ng	#	48
62) Azobenzene	15.98	77	1054597	46.09	ng		77
64) 4,6-Dinitro-2-methylphenol	15.78	198	297302	52.24	ng		83
65) n-Nitrosodiphenylamine	15.89	169	1211269	45.72	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	453028	48.76	ng		93
67) Hexachlorobenzene	16.70	284	475359	47.96	ng		90
68) Atrazine	16.83	200	453723	45.24	ng		96
69) Pentachlorophenol	17.04	266	619448	96.13	ng		97
70) Phenanthrene	17.43	178	2133233	44.01	ng		99
71) Anthracene	17.51	178	2205397	44.59	ng		98
72) Carbazole	17.78	167	2120019	41.63	ng		97
73) Di-n-butylphthalate	18.33	149	2365722	45.22	ng	#	95
74) Fluoranthene	19.42	202	2563316	44.97	ng		96
76) Benzidine	19.60	184	662474	18.90	ng		98
77) Pyrene	19.79	202	2618142	44.47	ng		99
79) Butylbenzylphthalate	20.66	149	1108364	47.05	ng	#	82
80) Benzo(a)anthracene	21.61	228	2540992	44.41	ng		100
81) 3,3'-Dichlorobenzidine	21.52	252	607278	25.93	ng	#	99
82) Chrysene	21.68	228	2328690	42.60	ng		100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1570692	44.15	ng		96
84) Di-n-octyl phthalate	22.70	149	2705601	44.56	ng	#	80
85) Indeno(1,2,3-cd)pyrene	28.44	276	3252563	48.19	ng	#	88
87) Benzo(b)fluoranthene	23.80	252	2735727	45.42	ng	#	94
88) Benzo(k)fluoranthene	23.87	252	2622717	44.91	ng	#	94
89) Benzo(a)pyrene	24.67	252	2636021	45.63	ng	#	96
90) Dibenzo(a,h)anthracene	28.50	278	2720812	46.61	ng	#	93
91) Benzo(g,h,i)perylene	29.58	276	2725040	46.33	ng	#	88

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

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