Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
Data File : BG022503.D
Acq On : 23 Jun 2016 3:49
Operator : UM/SJ
Sample : PB91536BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91536BS

Manual Integrations APPROVED
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Quant Time: Jun 23 15:58:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:27:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	28103	20.00	ng		-0.03
21) Naphthalene-d8	10.79	136	168745	20.00	ng		-0.02
38) Acenaphthene-d10	14.62	164	106997	20.00	ng		-0.01
63) Phenanthrene-d10	17.37	188	222580	20.00	ng		-0.01
75) Chrysene-d12	21.62	240	133691	20.00	ng		-0.03
86) Perylene-d12	24.81	264	117344	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	279975	192.62	ng		-0.03
7) Phenol-d6	7.15	99	439817	192.45	ng		-0.03
23) Nitrobenzene-d5	9.14	82	225004	92.96	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	129431	107.06	ng		-0.01
44) 2-Fluorobiphenyl	13.24	172	605457	86.23	ng		-0.01
78) Terphenyl-d14	19.96	244	603459	107.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	20314	29.15	ng	#	79
3) Pyridine	3.71	79	66818	35.48	ng		99
4) n-Nitrosodimethylamine	3.64	42	19362	45.98	ng		99
6) Aniline	7.29	93	87808m	30.24	ng		
8) 2-Chlorophenol	7.53	128	118696	59.08	ng	#	80
10) Phenol	7.18	94	151246	64.19	ng		80
11) bis(2-Chloroethyl)ether	7.38	93	95210	50.68	ng	#	72
12) 1,3-Dichlorobenzene	7.85	146	92988	43.18	ng	#	91
13) 1,4-Dichlorobenzene	8.00	146	94085	43.85	ng		96
14) 1,2-Dichlorobenzene	8.32	146	97121	44.90	ng		96
15) Benzyl Alcohol	8.22	79	85384	57.83	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.50	45	99496	51.05	ng		79
17) 2-Methylphenol	8.44	107	107899	61.37	ng	#	85
18) Hexachloroethane	9.05	117	35956	45.89	ng	#	80
19) n-Nitroso-di-n-propylamine	8.78	70	81316	52.56	ng	#	70
20) 3+4-Methylphenols	8.77	107	153710	60.95	ng		95
22) Acetophenone	8.80	105	159255	43.79	ng	#	82
24) Nitrobenzene	9.19	77	114448	47.02	ng	#	85
25) Isophorone	9.71	82	245402	43.34	ng	#	94
26) 2-Nitrophenol	9.90	139	64969	49.22	ng	#	74
27) 2,4-Dimethylphenol	9.97	122	123725	51.79	ng		90
28) bis(2-Chloroethoxy)methane	10.19	93	158023	48.71	ng		96
29) 2,4-Dichlorophenol	10.45	162	114852	51.90	ng		97
30) 1,2,4-Trichlorobenzene	10.65	180	101108	40.89	ng		93
31) Naphthalene	10.83	128	374797	44.50	ng	#	95
32) Benzoic acid	10.16	122	53683	58.92	ng		91
33) 4-Chloroaniline	10.97	127	39653	11.32	ng	#	91
34) Hexachlorobutadiene	11.11	225	47366	35.68	ng		96
35) Caprolactam	11.74	113	50650m	41.72	ng		
36) 4-Chloro-3-methylphenol	12.10	107	136854	52.17	ng	#	86
37) 2-Methylnaphthalene	12.44	142	281458	45.26	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	110902	40.26	ng		98
40) Hexachlorocyclopentadiene	12.78	237	43411	34.07	ng		96
42) 2,4,6-Trichlorophenol	13.07	196	85729	46.40	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.16	196	91568	44.86	ng		95
45) 1,1'-Biphenyl	13.45	154	368433	45.75	ng		94
46) 2-Chloronaphthalene	13.50	162	286995	46.49	ng		96
47) 2-Nitroaniline	13.71	65	74389	50.54	ng	#	55
48) Acenaphthylene	14.34	152	490657	45.30	ng		97
49) Dimethylphthalate	14.07	163	368090	41.49	ng		99
50) 2,6-Dinitrotoluene	14.21	165	85411	44.29	ng	#	80
51) Acenaphthene	14.68	154	292133	45.02	ng		94
52) 3-Nitroaniline	14.55	138	42755	19.99	ng	#	80
53) 2,4-Dinitrophenol	14.76	184	64510	81.65	ng	#	75
54) Dibenzofuran	15.02	168	450351	44.47	ng		99
55) 4-Nitrophenol	14.89	139	101034	68.44	ng	#	71
56) 2,4-Dinitrotoluene	15.00	165	119928	46.36	ng	#	85
57) Fluorene	15.66	166	384425	44.07	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.26	232	71550	39.08	ng		91
59) Diethylphthalate	15.43	149	401656	42.38	ng		99
60) 4-Chlorophenyl-phenylether	15.65	204	169824	42.99	ng		95
61) 4-Nitroaniline	15.71	138	76416m	33.68	ng		
62) Azobenzene	15.95	77	347830	48.47	ng		88
64) 4,6-Dinitro-2-methylphenol	15.77	198	50165	44.86	ng		83
65) n-Nitrosodiphenylamine	15.88	169	320695	50.02	ng		96
66) 4-Bromophenyl-phenylether	16.55	248	93102	44.64	ng		95
67) Hexachlorobenzene	16.67	284	96942	39.88	ng		96
68) Atrazine	16.82	200	97613	41.13	ng		98
69) Pentachlorophenol	17.03	266	63567	59.57	ng		97
70) Phenanthrene	17.41	178	542815	44.90	ng		97
71) Anthracene	17.50	178	537469	44.83	ng		96
72) Carbazole	17.78	167	475324	41.86	ng		97
73) Di-n-butylphthalate	18.31	149	684566	46.11	ng		98
74) Fluoranthene	19.41	202	508939	36.62	ng		94
76) Benzidine	19.60	184	190796	54.57	ng		96
77) Pyrene	19.78	202	484114	58.25	ng		99
79) Butylbenzylphthalate	20.65	149	227305	58.97	ng	#	93
80) Benzo(a)anthracene	21.60	228	349109	46.57	ng		99
81) 3,3'-Dichlorobenzidine	21.52	252	53480	25.41	ng	#	94
82) Chrysene	21.66	228	331182	45.40	ng		99
83) Bis(2-ethylhexyl)phthalate	21.48	149	315220	55.61	ng	#	94
84) Di-n-octyl phthalate	22.66	149	530718	56.39	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.45	276	335835	41.04	ng	#	78
87) Benzo(b)fluoranthene	23.79	252	311824	45.56	ng	#	91
88) Benzo(k)fluoranthene	23.85	252	315181	46.78	ng	#	93
89) Benzo(a)pyrene	24.65	252	304972	46.60	ng	#	93
90) Dibenzo(a,h)anthracene	28.50	278	279870	45.41	ng	#	92
91) Benzo(g,h,i)perylene	29.59	276	268701	41.91	ng	#	84

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

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