Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021629.D
Acq On : 13 Apr 2016 20:13
Operator : UM/SJ
Sample : PB89766BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB89766BS

Manual Integrations APPROVED
Sohil
4/14/2016 5:29:37 PM

Quant Time: Apr 14 11:03:36 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	30011	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	135517	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	87404	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	206488	20.00	ng		0.00
75) Chrysene-d12	21.83	240	243158	20.00	ng		0.00
86) Perylene-d12	25.16	264	235798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	246585	136.83	ng		0.00
7) Phenol-d6	7.36	99	352883	131.09	ng		0.00
23) Nitrobenzene-d5	9.39	82	209656	79.52	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	127099	134.93	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	486648	81.58	ng		0.00
78) Terphenyl-d14	20.15	244	784456	80.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	23885	29.77	ng	#	87
3) Pyridine	4.04	79	76034	31.59	ng		92
4) n-Nitrosodimethylamine	3.95	42	42409	35.55	ng	#	87
6) Aniline	7.54	93	98341	27.62	ng		95
8) 2-Chlorophenol	7.78	128	87630	40.56	ng		98
9) Benzaldehyde	7.35	77	27554	17.70	ng		90
10) Phenol	7.39	94	122284	42.23	ng		98
11) bis(2-Chloroethyl)ether	7.63	93	84778	36.58	ng		94
12) 1,3-Dichlorobenzene	8.11	146	86412	35.81	ng		96
13) 1,4-Dichlorobenzene	8.25	146	89125	36.28	ng		96
14) 1,2-Dichlorobenzene	8.57	146	85534	36.30	ng		92
15) Benzyl Alcohol	8.45	79	86775	42.18	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.75	45	168719	33.99	ng		97
17) 2-Methylphenol	8.65	107	80611	40.27	ng		92
18) Hexachloroethane	9.31	117	31691	35.45	ng	#	69
19) n-Nitroso-di-n-propylamine	9.02	70	75629	36.16	ng		98
20) 3+4-Methylphenols	8.98	107	113689	41.50	ng		95
22) Acetophenone	9.04	105	133472	35.36	ng	#	97
24) Nitrobenzene	9.43	77	103917	36.81	ng		94
25) Isophorone	9.95	82	207467	35.95	ng		99
26) 2-Nitrophenol	10.14	139	41019	38.06	ng		96
27) 2,4-Dimethylphenol	10.19	122	98307	40.15	ng		97
28) bis(2-Chloroethoxy)methane	10.43	93	119980	39.13	ng		94
29) 2,4-Dichlorophenol	10.67	162	89949	43.09	ng		96
30) 1,2,4-Trichlorobenzene	10.89	180	84380	37.59	ng		94
31) Naphthalene	11.09	128	271008	37.37	ng	#	95
32) Benzoic acid	10.29	122	53485m	40.42	ng		
33) 4-Chloroaniline	11.19	127	61957	19.73	ng		97
34) Hexachlorobutadiene	11.36	225	52148	36.02	ng		96
35) Caprolactam	11.95	113	38336m	40.13	ng		
36) 4-Chloro-3-methylphenol	12.28	107	108970	41.51	ng		99
37) 2-Methylnaphthalene	12.67	142	201442	40.46	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	99464	36.41	ng	#	98
40) Hexachlorocyclopentadiene	13.01	237	132152	87.09	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	70483	40.47	ng	94
43) 2,4,5-Trichlorophenol	13.33	196	77302	41.13	ng	97
45) 1,1'-Biphenyl	13.67	154	264642	35.94	ng	98
46) 2-Chloronaphthalene	13.71	162	203299	37.34	ng	99
47) 2-Nitroaniline	13.91	65	76086	40.76	ng	97
48) Acenaphthylene	14.55	152	343987	38.22	ng	99
49) Dimethylphthalate	14.28	163	285688	37.80	ng	100
50) 2,6-Dinitrotoluene	14.39	165	60727	42.14	ng	98
51) Acenaphthene	14.89	154	232929	40.48	ng	96
52) 3-Nitroaniline	14.72	138	42155	26.38	ng	96
53) 2,4-Dinitrophenol	14.92	184	46153	82.95	ng	90
54) Dibenzofuran	15.22	168	331070	42.14	ng	98
55) 4-Nitrophenol	15.01	139	119034	86.99	ng	92
56) 2,4-Dinitrotoluene	15.17	165	85720	44.02	ng	97
57) Fluorene	15.87	166	277478	39.54	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	73072	46.86	ng	99
59) Diethylphthalate	15.63	149	302431	38.34	ng	97
60) 4-Chlorophenyl-phenylether	15.85	204	134565	38.93	ng	98
61) 4-Nitroaniline	15.88	138	70988	40.37	ng	99
62) Azobenzene	16.15	77	290562	42.98	ng	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	32862	39.31	ng	93
65) n-Nitrosodiphenylamine	16.07	169	250042	40.37	ng	97
66) 4-Bromophenyl-phenylether	16.75	248	87554	39.58	ng	98
67) Hexachlorobenzene	16.86	284	92748	39.71	ng	96
68) Atrazine	17.00	200	98744	40.38	ng	99
69) Pentachlorophenol	17.20	266	121052	90.79	ng	93
70) Phenanthrene	17.60	178	461190	40.53	ng	98
71) Anthracene	17.69	178	464590	40.21	ng	98
72) Carbazole	17.96	167	449880	41.72	ng	99
73) Di-n-butylphthalate	18.51	149	541384	39.47	ng	99
74) Fluoranthene	19.59	202	551459	40.58	ng	98
76) Benzidine	19.77	184	212178	28.03	ng	99
77) Pyrene	19.95	202	565911	40.36	ng	99
79) Butylbenzylphthalate	20.83	149	258841	39.77	ng	98
80) Benzo(a)anthracene	21.82	228	565949	40.44	ng	98
81) 3,3'-Dichlorobenzidine	21.72	252	100902	9.11	ng	98
82) Chrysene	21.88	228	520242	38.70	ng	99
83) Bis(2-ethylhexyl)phthalate	21.71	149	370238	38.89	ng	99
84) Di-n-octyl phthalate	22.97	149	646288	40.53	ng	100
85) Indeno(1,2,3-cd)pyrene	28.98	276	635546	39.76	ng	98
87) Benzo(b)fluoranthene	24.10	252	555483	40.60	ng	100
88) Benzo(k)fluoranthene	24.18	252	548081	40.97	ng	100
89) Benzo(a)pyrene	25.01	252	544524	41.08	ng	98
90) Dibenzo(a,h)anthracene	29.05	278	531866	40.02	ng	97
91) Benzo(g,h,i)perylene	30.18	276	529216	40.58	ng	99

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

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