Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
Data File : BG023735.D
Acq On : 16 Aug 2016 19:56
Operator : UM/SJ
Sample : PB92660BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Manual Integrations APPROVED
umangi
8/17/2016 3:10:45 AM

Quant Time: Aug 17 01:29:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	92441	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	424016	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	306212	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	777589	20.00	ng		0.00
75) Chrysene-d12	21.87	240	837516	20.00	ng		0.00
86) Perylene-d12	25.27	264	791135	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	773072	140.77	ng		-0.02
7) Phenol-d6	7.26	99	1170218	136.81	ng		-0.01
23) Nitrobenzene-d5	9.29	82	791449	92.80	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	617248	137.81	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	1622766	89.39	ng		0.00
78) Terphenyl-d14	20.16	244	2585918	100.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	68812	29.41	ng	#	90
3) Pyridine	3.90	79	222438	28.93	ng		93
4) n-Nitrosodimethylamine	3.82	42	125964	44.19	ng		84
6) Aniline	7.42	93	437328	35.39	ng		96
8) 2-Chlorophenol	7.67	128	288970	45.80	ng		99
9) Benzaldehyde	7.23	77	37787	5.37	ng		93
10) Phenol	7.29	94	436212	47.67	ng		84
11) bis(2-Chloroethyl)ether	7.51	93	298511	40.90	ng		94
12) 1,3-Dichlorobenzene	7.99	146	288981	40.01	ng		94
13) 1,4-Dichlorobenzene	8.14	146	300235	40.60	ng		97
14) 1,2-Dichlorobenzene	8.46	146	289646	39.93	ng		91
15) Benzyl Alcohol	8.35	79	375810	57.99	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	421320	39.25	ng		92
17) 2-Methylphenol	8.55	107	293602	47.86	ng		92
18) Hexachloroethane	9.19	117	117461	42.20	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	309470	42.06	ng		98
20) 3+4-Methylphenols	8.89	107	415421	48.04	ng		94
22) Acetophenone	8.94	105	455564	39.24	ng	#	93
24) Nitrobenzene	9.33	77	434101	45.96	ng	#	90
25) Isophorone	9.85	82	839982	47.28	ng	#	95
26) 2-Nitrophenol	10.05	139	184469	46.28	ng	#	81
27) 2,4-Dimethylphenol	10.10	122	318737	46.96	ng		91
28) bis(2-Chloroethoxy)methane	10.33	93	465015	43.54	ng		99
29) 2,4-Dichlorophenol	10.59	162	347103	50.86	ng		99
30) 1,2,4-Trichlorobenzene	10.80	180	323343	43.93	ng		99
31) Naphthalene	10.99	128	925398	42.86	ng		99
32) Benzoic acid	10.25	122	172896	30.40	ng		93
33) 4-Chloroaniline	11.11	127	271335	26.29	ng		93
34) Hexachlorobutadiene	11.27	225	216392	44.70	ng		94
35) Caprolactam	11.90	113	148330m	51.66	ng		
36) 4-Chloro-3-methylphenol	12.24	107	457970	51.08	ng		97
37) 2-Methylnaphthalene	12.60	142	729397m	44.43	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	366268	32.98	ng		100
40) Hexachlorocyclopentadiene	12.94	237	412195	73.61	ng		97

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Quant Time: Aug 17 01:29:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	309876	46.85	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	337062	49.50	ng		97
45) 1,1'-Biphenyl	13.61	154	897625	38.35	ng		96
46) 2-Chloronaphthalene	13.66	162	778523	42.99	ng		97
47) 2-Nitroaniline	13.87	65	368334	48.99	ng		87
48) Acenaphthylene	14.50	152	1282278	44.80	ng		99
49) Dimethylphthalate	14.23	163	1149403	48.92	ng		99
50) 2,6-Dinitrotoluene	14.36	165	266433	47.89	ng		83
51) Acenaphthene	14.85	154	802465	44.25	ng		98
52) 3-Nitroaniline	14.70	138	215622	34.37	ng		87
53) 2,4-Dinitrophenol	14.92	184	304175	85.29	ng		93
54) Dibenzofuran	15.19	168	1296193	49.23	ng		94
55) 4-Nitrophenol	15.02	139	444250	90.16	ng	#	89
56) 2,4-Dinitrotoluene	15.16	165	394696	50.55	ng		97
57) Fluorene	15.84	166	1086508	47.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	344063	55.06	ng		96
59) Diethylphthalate	15.59	149	1209109	50.70	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	562147	46.23	ng		99
61) 4-Nitroaniline	15.87	138	304854	45.64	ng	#	71
62) Azobenzene	16.12	77	1301655	53.84	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	232865	44.05	ng		94
65) n-Nitrosodiphenylamine	16.04	169	1027286	45.04	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	403784	44.55	ng		98
67) Hexachlorobenzene	16.85	284	436465	44.02	ng		94
68) Atrazine	17.00	200	397733	45.42	ng		97
69) Pentachlorophenol	17.20	266	468079	80.98	ng		96
70) Phenanthrene	17.59	178	1796184	45.52	ng		97
71) Anthracene	17.68	178	1850877	46.64	ng		99
72) Carbazole	17.96	167	1726856	49.55	ng		99
73) Di-n-butylphthalate	18.49	149	2030953	60.04	ng		99
74) Fluoranthene	19.60	202	2117576	59.92	ng		97
76) Benzidine	19.79	184	896545	38.51	ng		98
77) Pyrene	19.97	202	2141131	45.18	ng		99
79) Butylbenzylphthalate	20.84	149	979710	48.58	ng		98
80) Benzo(a)anthracene	21.85	228	2098644	45.39	ng		98
81) 3,3'-Dichlorobenzidine	21.76	252	643933	33.96	ng	#	97
82) Chrysene	21.92	228	1941802	44.15	ng		97
83) Bis(2-ethylhexyl)phthalate	21.72	149	1339500	48.50	ng		99
84) Di-n-octyl phthalate	22.99	149	2210248	46.89	ng		99
85) Indeno(1,2,3-cd)pyrene	29.19	276	2455385	44.67	ng	#	100
87) Benzo(b)fluoranthene	24.19	252	2186003	49.11	ng	#	98
88) Benzo(k)fluoranthene	24.26	252	2025171	47.37	ng	#	97
89) Benzo(a)pyrene	25.12	252	2060610	48.68	ng	#	97
90) Dibenzo(a,h)anthracene	29.25	278	2106766	48.72	ng	#	93
91) Benzo(g,h,i)perylene	30.42	276	2053777	47.16	ng	#	92

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

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