Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
Data File : BG016124.D
Acq On : 26 Mar 2015 4:55
Operator : TP/IZ
Sample : PB82242BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB82242BS

Manual Integrations APPROVED
apatel
3/27/2015 11:21:22 AM

Quant Time: Mar 26 16:06:13 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 15:24:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	59821	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	257371	20.00	ng		0.00
38) Acenaphthene-d10	14.42	164	152662	20.00	ng		0.00
63) Phenanthrene-d10	17.15	188	326055	20.00	ng		0.00
75) Chrysene-d12	21.33	240	389853	20.00	ng		0.00
86) Perylene-d12	23.61	264	372281	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	432285	120.94	ng		0.00
7) Phenol-d6	6.96	99	583472	117.28	ng		0.00
23) Nitrobenzene-d5	8.95	82	298072	71.81	ng		0.00
41) 2,4,6-Tribromophenol	15.90	330	199498	113.80	ng		0.00
44) 2-Fluorobiphenyl	13.04	172	709799	77.83	ng		0.00
78) Terphenyl-d14	19.78	244	1146275	74.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	48329	33.48	ng		92
3) Pyridine	3.69	79	136990	30.36	ng		95
4) n-Nitrosodimethylamine	3.61	42	45625	34.36	ng		96
6) Aniline	7.12	93	174860	24.63	ng		98
8) 2-Chlorophenol	7.36	128	167326	39.45	ng		97
9) Benzaldehyde	6.94	77	8780	4.23	ng		93
10) Phenol	6.99	94	221280	40.47	ng		97
11) bis(2-Chloroethyl)ether	7.22	93	155401	35.04	ng		99
12) 1,3-Dichlorobenzene	7.68	146	162098	35.37	ng		99
13) 1,4-Dichlorobenzene	7.83	146	165849	34.88	ng		97
14) 1,2-Dichlorobenzene	8.14	146	158187	35.19	ng		100
15) Benzyl Alcohol	8.03	79	127981	34.80	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.32	45	160412	32.18	ng		97
17) 2-Methylphenol	8.23	107	144538	37.48	ng		99
18) Hexachloroethane	8.86	117	58803	34.51	ng		98
19) n-Nitroso-di-n-propylamine	8.59	70	113740	31.21	ng		98
20) 3+4-Methylphenols	8.55	107	193865	37.06	ng		99
22) Acetophenone	8.61	105	214127	36.99	ng	#	99
24) Nitrobenzene	8.99	77	160139	35.83	ng		96
25) Isophorone	9.50	82	313410	33.28	ng		98
26) 2-Nitrophenol	9.69	139	89132	36.82	ng		99
27) 2,4-Dimethylphenol	9.75	122	163829	40.35	ng		100
28) bis(2-Chloroethoxy)methane	9.99	93	198939	36.79	ng		100
29) 2,4-Dichlorophenol	10.23	162	149027	41.75	ng		99
30) 1,2,4-Trichlorobenzene	10.44	180	140521	36.56	ng		98
31) Naphthalene	10.63	128	489684	35.50	ng		100
32) Benzoic acid	9.88	122	89591	34.94	ng		93
33) 4-Chloroaniline	10.74	127	83654	13.85	ng		98
34) Hexachlorobutadiene	10.91	225	73142	34.98	ng		98
35) Caprolactam	11.50	113	67835m	35.00	ng		
36) 4-Chloro-3-methylphenol	11.86	107	158533	37.65	ng		98
37) 2-Methylnaphthalene	12.24	142	356485	36.20	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	148649	38.66	ng		99
40) Hexachlorocyclopentadiene	12.59	237	186854	83.12	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	105559	38.43	ng	97
43) 2,4,5-Trichlorophenol	12.92	196	115540	38.57	ng	100
45) 1,1'-Biphenyl	13.25	154	425480	38.01	ng	98
46) 2-Chloronaphthalene	13.29	162	323525	37.05	ng	99
47) 2-Nitroaniline	13.50	65	92153	36.74	ng	98
48) Acenaphthylene	14.14	152	563336	35.30	ng	99
49) Dimethylphthalate	13.88	163	397148	37.10	ng	100
50) 2,6-Dinitrotoluene	13.99	165	97475	38.39	ng	98
51) Acenaphthene	14.48	154	343913	35.73	ng	98
52) 3-Nitroaniline	14.32	138	73220	23.55	ng	96
53) 2,4-Dinitrophenol	14.53	184	119579	77.00	ng	96
54) Dibenzofuran	14.82	168	511169	38.01	ng	99
55) 4-Nitrophenol	14.63	139	205706	81.68	ng	99
56) 2,4-Dinitrotoluene	14.78	165	136055	39.11	ng	96
57) Fluorene	15.46	166	435076	36.26	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.04	232	103904	38.92	ng	98
59) Diethylphthalate	15.24	149	405192	36.81	ng	99
60) 4-Chlorophenyl-phenylether	15.46	204	195062	36.95	ng	97
61) 4-Nitroaniline	15.48	138	130511	37.10	ng	95
62) Azobenzene	15.75	77	404402	35.67	ng	99
64) 4,6-Dinitro-2-methylphenol	15.54	198	81896	37.79	ng	98
65) n-Nitrosodiphenylamine	15.67	169	380201	36.57	ng	98
66) 4-Bromophenyl-phenylether	16.35	248	122896	36.73	ng	99
67) Hexachlorobenzene	16.46	284	135300	35.98	ng	96
68) Atrazine	16.62	200	130504	42.19	ng	99
69) Pentachlorophenol	16.81	266	182895	85.30	ng	98
70) Phenanthrene	17.19	178	674369	36.86	ng	99
71) Anthracene	17.29	178	678224	37.27	ng	99
72) Carbazole	17.56	167	701045	39.26	ng	99
73) Di-n-butylphthalate	18.12	149	815816	40.40	ng	99
74) Fluoranthene	19.21	202	822121	40.34	ng	99
76) Benzidine	19.40	184	353328	34.59	ng	100
77) Pyrene	19.57	202	861667	35.85	ng	100
79) Butylbenzylphthalate	20.47	149	393081	39.21	ng	99
80) Benzo(a)anthracene	21.31	228	807660	36.53	ng	99
81) 3,3'-Dichlorobenzidine	21.25	252	168426	21.91	ng	99
82) Chrysene	21.37	228	763703	37.70	ng	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	522637	37.96	ng	100
84) Di-n-octyl phthalate	22.12	149	875027	37.69	ng	99
85) Indeno(1,2,3-cd)pyrene	25.95	276	911896	35.01	ng	100
87) Benzo(b)fluoranthene	22.92	252	810142	37.60	ng	98
88) Benzo(k)fluoranthene	22.96	252	748127	35.65	ng	99
89) Benzo(a)pyrene	23.52	252	764651	38.06	ng	98
90) Dibenzo(a,h)anthracene	25.96	278	761117	36.36	ng	99
91) Benzo(g,h,i)perylene	26.68	276	749789	36.14	ng	99

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

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