Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016374.D
Acq On : 13 Apr 2015 23:04
Operator : TP/IZ
Sample : PB82688BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB82688BS

Manual Integrations APPROVED
apatel
4/14/2015 5:28:39 PM

Quant Time: Apr 14 03:45:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 02:12:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	84643	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	375629	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	212023	20.00	ng		0.00
63) Phenanthrene-d10	17.06	188	419933	20.00	ng		0.00
75) Chrysene-d12	21.24	240	367340	20.00	ng		0.00
86) Perylene-d12	23.47	264	346541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	732562	136.59	ng		0.01
7) Phenol-d6	6.87	99	1008667	125.28	ng		0.00
23) Nitrobenzene-d5	8.83	82	518664	79.99	ng		0.00
41) 2,4,6-Tribromophenol	15.81	330	196686	137.17	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	1067285	85.71	ng		0.00
78) Terphenyl-d14	19.69	244	1212811	77.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	80408	32.98	ng		99
3) Pyridine	3.54	79	229947	31.56	ng		97
4) n-Nitrosodimethylamine	3.46	42	74837	34.55	ng		92
6) Aniline	7.01	93	198534	17.27	ng		97
8) 2-Chlorophenol	7.25	128	260295	40.41	ng		94
9) Benzaldehyde	6.82	77	61761	13.10	ng		94
10) Phenol	6.89	94	330819	38.40	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	236593	34.44	ng		98
12) 1,3-Dichlorobenzene	7.56	146	242101	37.22	ng		98
13) 1,4-Dichlorobenzene	7.71	146	245126	36.33	ng		99
14) 1,2-Dichlorobenzene	8.03	146	238590	36.98	ng		96
15) Benzyl Alcohol	7.92	79	194753	34.70	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	256911	33.21	ng		98
17) 2-Methylphenol	8.13	107	218067	37.75	ng		98
18) Hexachloroethane	8.75	117	90781	35.17	ng		98
19) n-Nitroso-di-n-propylamine	8.48	70	174796	30.30	ng		98
20) 3+4-Methylphenols	8.46	107	293753	36.71	ng		97
22) Acetophenone	8.50	105	326513	37.49	ng	#	97
24) Nitrobenzene	8.87	77	246792	35.59	ng		95
25) Isophorone	9.39	82	470512	32.68	ng		98
26) 2-Nitrophenol	9.58	139	137712	42.59	ng		99
27) 2,4-Dimethylphenol	9.65	122	253606	42.11	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	298498	36.32	ng		99
29) 2,4-Dichlorophenol	10.12	162	211899	44.46	ng		98
30) 1,2,4-Trichlorobenzene	10.33	180	200633	40.32	ng		96
31) Naphthalene	10.51	128	732116	37.40	ng		99
32) Benzoic acid	9.79	122	129083	35.61	ng		97
33) 4-Chloroaniline	10.63	127	116470	12.68	ng		96
34) Hexachlorobutadiene	10.80	225	87395	39.99	ng		99
35) Caprolactam	11.39	113	115155m	38.38	ng		
36) 4-Chloro-3-methylphenol	11.77	107	249178	39.58	ng		95
37) 2-Methylnaphthalene	12.13	142	527779	37.48	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	182508	39.10	ng		99
40) Hexachlorocyclopentadiene	12.48	237	177821	83.22	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	147877	42.63	ng	99
43) 2,4,5-Trichlorophenol	12.82	196	162176	43.76	ng	98
45) 1,1'-Biphenyl	13.15	154	635126	39.05	ng	98
46) 2-Chloronaphthalene	13.19	162	480166	38.76	ng	100
47) 2-Nitroaniline	13.40	65	151919	38.04	ng	96
48) Acenaphthylene	14.04	152	822039	37.31	ng	99
49) Dimethylphthalate	13.78	163	589056	37.91	ng	99
50) 2,6-Dinitrotoluene	13.90	165	149516	39.78	ng	94
51) Acenaphthene	14.38	154	497833	37.81	ng	99
52) 3-Nitroaniline	14.23	138	87362	18.20	ng	88
53) 2,4-Dinitrophenol	14.44	184	133261	63.21	ng	96
54) Dibenzofuran	14.71	168	714205	39.09	ng	100
55) 4-Nitrophenol	14.56	139	312516	78.79	ng	98
56) 2,4-Dinitrotoluene	14.69	165	205601	40.16	ng	93
57) Fluorene	15.37	166	620502	38.50	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.95	232	126321	44.17	ng	95
59) Diethylphthalate	15.15	149	624838	37.78	ng	99
60) 4-Chlorophenyl-phenylether	15.36	204	257073	38.99	ng	99
61) 4-Nitroaniline	15.40	138	193014	35.43	ng	99
62) Azobenzene	15.65	77	639296	36.31	ng	99
64) 4,6-Dinitro-2-methylphenol	15.45	198	105219	36.60	ng	90
65) n-Nitrosodiphenylamine	15.58	169	557166	39.25	ng	98
66) 4-Bromophenyl-phenylether	16.25	248	134771	40.20	ng	96
67) Hexachlorobenzene	16.37	284	136714	39.23	ng	96
68) Atrazine	16.53	200	173164	43.77	ng	98
69) Pentachlorophenol	16.72	266	168715	79.29	ng	97
70) Phenanthrene	17.10	178	915492	38.76	ng	99
71) Anthracene	17.19	178	924160	39.48	ng	99
72) Carbazole	17.46	167	950593	40.46	ng	99
73) Di-n-butylphthalate	18.03	149	1107130	38.51	ng	100
74) Fluoranthene	19.12	202	955956	39.27	ng	98
76) Benzidine	19.31	184	263658	16.93	ng	98
77) Pyrene	19.48	202	992923	38.82	ng	99
79) Butylbenzylphthalate	20.38	149	523147	41.63	ng	100
80) Benzo(a)anthracene	21.22	228	858088	39.52	ng	100
81) 3,3'-Dichlorobenzidine	21.16	252	158781	22.24	ng	99
82) Chrysene	21.27	228	815759	38.92	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	715446	42.05	ng	97
84) Di-n-octyl phthalate	22.02	149	1208312	43.59	ng	99
85) Indeno(1,2,3-cd)pyrene	25.75	276	904429	41.54	ng	98
87) Benzo(b)fluoranthene	22.80	252	798261	39.33	ng	98
88) Benzo(k)fluoranthene	22.84	252	811394	40.85	ng	98
89) Benzo(a)pyrene	23.38	252	791668	41.62	ng	99
90) Dibenzo(a,h)anthracene	25.76	278	749366	40.48	ng	98
91) Benzo(g,h,i)perylene	26.45	276	760503	41.13	ng	98

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

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