Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
Data File : BG017416.D
Acq On : 3 Jun 2015 21:01
Operator : TP/IZ
Sample : PB83657BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB83657BS

Manual Integrations APPROVED
apatel
6/5/2015 8:12:23 AM

Quant Time: Jun 04 02:05:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	17431	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	73214	20.00	ng		0.00
38) Acenaphthene-d10	14.29	164	50344	20.00	ng		0.00
63) Phenanthrene-d10	17.04	188	126904	20.00	ng		0.00
75) Chrysene-d12	21.24	240	156189	20.00	ng		0.00
86) Perylene-d12	23.47	264	151012	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	135097	136.55	ng		0.00
7) Phenol-d6	6.84	99	176177	130.71	ng		0.00
23) Nitrobenzene-d5	8.79	82	119673	81.60	ng		0.00
41) 2,4,6-Tribromophenol	15.79	330	92288	131.98	ng		0.00
44) 2-Fluorobiphenyl	12.91	172	273064	81.82	ng		0.00
78) Terphenyl-d14	19.68	244	611225	80.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	12371	27.78	ng		90
3) Pyridine	3.47	79	35943	30.22	ng		94
4) n-Nitrosodimethylamine	3.40	42	30533	39.16	ng		98
6) Aniline	6.96	93	49870	27.56	ng		95
8) 2-Chlorophenol	7.20	128	47998	41.02	ng		94
9) Benzaldehyde	6.76	77	17138	18.73	ng		97
10) Phenol	6.86	94	61682	44.55	ng		95
11) bis(2-Chloroethyl)ether	7.06	93	42104	39.91	ng		97
12) 1,3-Dichlorobenzene	7.51	146	48695	37.23	ng		91
13) 1,4-Dichlorobenzene	7.66	146	47539	34.69	ng		97
14) 1,2-Dichlorobenzene	7.97	146	47154	36.75	ng		97
15) Benzyl Alcohol	7.87	79	48694	38.80	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	63718	35.84	ng		97
17) 2-Methylphenol	8.10	107	43023	40.96	ng		96
18) Hexachloroethane	8.70	117	19925	36.44	ng		94
19) n-Nitroso-di-n-propylamine	8.44	70	40081	35.15	ng		89
20) 3+4-Methylphenols	8.43	107	58633	40.34	ng		94
22) Acetophenone	8.45	105	69965	38.98	ng	#	97
24) Nitrobenzene	8.83	77	59953	39.38	ng		95
25) Isophorone	9.36	82	111259	36.27	ng		99
26) 2-Nitrophenol	9.54	139	27785	39.35	ng		98
27) 2,4-Dimethylphenol	9.62	122	49537	43.14	ng		97
28) bis(2-Chloroethoxy)methane	9.84	93	55654	39.71	ng		98
29) 2,4-Dichlorophenol	10.09	162	49868	44.57	ng		99
30) 1,2,4-Trichlorobenzene	10.28	180	50018	38.02	ng		99
31) Naphthalene	10.47	128	141813	37.07	ng		99
32) Benzoic acid	9.78	122	28715	39.56	ng		95
33) 4-Chloroaniline	10.59	127	36423	21.46	ng		97
34) Hexachlorobutadiene	10.75	225	31356	36.61	ng		95
35) Caprolactam	11.37	113	25123m	40.80	ng		
36) 4-Chloro-3-methylphenol	11.75	107	61650	42.35	ng		91
37) 2-Methylnaphthalene	12.09	142	114617	38.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	59426	38.79	ng		97
40) Hexachlorocyclopentadiene	12.45	237	68720	76.35	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.72	196	42976	39.18	ng		88
43) 2,4,5-Trichlorophenol	12.80	196	49537	41.23	ng		97
45) 1,1'-Biphenyl	13.12	154	146906	39.92	ng		98
46) 2-Chloronaphthalene	13.16	162	116699	37.93	ng		98
47) 2-Nitroaniline	13.37	65	46664	41.07	ng		92
48) Acenaphthylene	14.01	152	203644	37.58	ng		99
49) Dimethylphthalate	13.76	163	173881	39.68	ng		98
50) 2,6-Dinitrotoluene	13.88	165	40460	41.09	ng		96
51) Acenaphthene	14.36	154	118204	37.00	ng		98
52) 3-Nitroaniline	14.21	138	28105	26.36	ng		99
53) 2,4-Dinitrophenol	14.43	184	52754	84.90	ng		93
54) Dibenzofuran	14.69	168	189909	40.29	ng		96
55) 4-Nitrophenol	14.56	139	72722	85.42	ng		99
56) 2,4-Dinitrotoluene	14.67	165	60699	43.27	ng		97
57) Fluorene	15.34	166	169719	39.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.93	232	47130m	43.00	ng		
59) Diethylphthalate	15.13	149	191592	40.28	ng		99
60) 4-Chlorophenyl-phenylether	15.34	204	87821	40.55	ng		98
61) 4-Nitroaniline	15.38	138	48489	41.30	ng		99
62) Azobenzene	15.64	77	184606	40.83	ng		98
64) 4,6-Dinitro-2-methylphenol	15.44	198	38879	41.33	ng		99
65) n-Nitrosodiphenylamine	15.56	169	155041	40.96	ng		97
66) 4-Bromophenyl-phenylether	16.24	248	55481	39.49	ng		98
67) Hexachlorobenzene	16.35	284	60000	39.73	ng	#	90
68) Atrazine	16.52	200	69215	41.55	ng		94
69) Pentachlorophenol	16.70	266	75337	81.39	ng		94
70) Phenanthrene	17.09	178	279214	39.46	ng		99
71) Anthracene	17.18	178	290119	41.04	ng		98
72) Carbazole	17.45	167	282220	40.44	ng		98
73) Di-n-butylphthalate	18.02	149	373697	41.81	ng		98
74) Fluoranthene	19.11	202	377947	40.85	ng		99
76) Benzidine	19.30	184	163017	30.37	ng		98
77) Pyrene	19.47	202	390393	40.57	ng		99
79) Butylbenzylphthalate	20.38	149	175059	42.05	ng		98
80) Benzo(a)anthracene	21.22	228	386962	40.28	ng		98
81) 3,3'-Dichlorobenzidine	21.16	252	88622	24.69	ng		97
82) Chrysene	21.27	228	355556	40.88	ng		98
83) Bis(2-ethylhexyl)phthalate	21.15	149	251874	41.95	ng		98
84) Di-n-octyl phthalate	22.02	149	422711	41.99	ng		99
85) Indeno(1,2,3-cd)pyrene	25.75	276	431542	39.51	ng		99
87) Benzo(b)fluoranthene	22.80	252	377429	39.44	ng		98
88) Benzo(k)fluoranthene	22.84	252	371503	40.57	ng		99
89) Benzo(a)pyrene	23.37	252	366811	41.79	ng		98
90) Dibenzo(a,h)anthracene	25.76	278	367356	40.28	ng		98
91) Benzo(g,h,i)perylene	26.45	276	349844	40.31	ng		99

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

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