Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091415\
Data File : BG018670.D
Acq On : 14 Sep 2015 20:15
Operator : UM/IZ
Sample : PB85501BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85501BS

Manual Integrations APPROVED
MMDadoda
9/15/2015 1:34:27 PM

Quant Time: Sep 15 02:28:53 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 01:23:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	56063	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	229055	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	147656	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	429111	20.00	ng		0.00
75) Chrysene-d12	21.63	240	492221	20.00	ng		0.00
86) Perylene-d12	24.82	264	498895	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	415342	127.98	ng		0.00
7) Phenol-d6	7.17	99	563096	121.01	ng		0.00
23) Nitrobenzene-d5	9.16	82	316676	77.36	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	271766	136.69	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	829803	78.01	ng		0.00
78) Terphenyl-d14	19.98	244	1508912	80.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	40125	29.58	ng	#	100
3) Pyridine	3.87	79	126698	30.13	ng		96
4) n-Nitrosodimethylamine	3.78	42	47198	32.23	ng	#	77
6) Aniline	7.32	93	180114	28.09	ng		98
8) 2-Chlorophenol	7.57	128	149220	39.82	ng		96
9) Benzaldehyde	7.13	77	69864	27.89	ng		96
10) Phenol	7.19	94	200363	40.76	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	143456	37.66	ng		97
12) 1,3-Dichlorobenzene	7.89	146	156318	35.85	ng		99
13) 1,4-Dichlorobenzene	8.04	146	157085	35.93	ng		95
14) 1,2-Dichlorobenzene	8.36	146	154547	37.02	ng		99
15) Benzyl Alcohol	8.24	79	124872	37.23	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	160939	37.20	ng		98
17) 2-Methylphenol	8.44	107	136860	40.07	ng		98
18) Hexachloroethane	9.08	117	56475	36.12	ng		95
19) n-Nitroso-di-n-propylamine	8.80	70	110459	33.70	ng		94
20) 3+4-Methylphenols	8.77	107	187415	39.08	ng		97
22) Acetophenone	8.82	105	222397	38.33	ng	#	96
24) Nitrobenzene	9.20	77	161943	37.26	ng		100
25) Isophorone	9.72	82	307535	34.93	ng		99
26) 2-Nitrophenol	9.91	139	78551	38.74	ng		100
27) 2,4-Dimethylphenol	9.97	122	149017	40.47	ng		94
28) bis(2-Chloroethoxy)methane	10.21	93	192962	38.17	ng		96
29) 2,4-Dichlorophenol	10.45	162	157199	42.24	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	156026	37.83	ng		97
31) Naphthalene	10.86	128	468335	38.18	ng		99
32) Benzoic acid	10.09	122	103931	36.31	ng		97
33) 4-Chloroaniline	10.96	127	118240	21.30	ng		98
34) Hexachlorobutadiene	11.15	225	91771	37.75	ng		99
35) Caprolactam	11.72	113	67770m	42.36	ng		
36) 4-Chloro-3-methylphenol	12.08	107	168291	40.54	ng		93
37) 2-Methylnaphthalene	12.46	142	346177	38.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	182890	39.05	ng		99
40) Hexachlorocyclopentadiene	12.81	237	211968	90.13	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	132133	40.74	ng		99
43) 2,4,5-Trichlorophenol	13.14	196	149686	42.07	ng		99
45) 1,1'-Biphenyl	13.46	154	464226	39.54	ng		99
46) 2-Chloronaphthalene	13.51	162	353568	39.08	ng		100
47) 2-Nitroaniline	13.71	65	110885	40.73	ng		91
48) Acenaphthylene	14.35	152	637003	39.83	ng		98
49) Dimethylphthalate	14.08	163	494416	40.44	ng		98
50) 2,6-Dinitrotoluene	14.20	165	110417	41.56	ng		97
51) Acenaphthene	14.70	154	365352	39.27	ng		99
52) 3-Nitroaniline	14.52	138	94721	29.84	ng		89
53) 2,4-Dinitrophenol	14.74	184	110192	81.77	ng		97
54) Dibenzofuran	15.03	168	610459	42.22	ng		99
55) 4-Nitrophenol	14.84	139	240366	98.08	ng		96
56) 2,4-Dinitrotoluene	14.99	165	176430	46.83	ng	#	92
57) Fluorene	15.68	166	518051	41.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.25	232	146284	43.85	ng		97
59) Diethylphthalate	15.44	149	527530	41.36	ng		99
60) 4-Chlorophenyl-phenylether	15.66	204	249377	41.69	ng		93
61) 4-Nitroaniline	15.69	138	153234	44.77	ng		97
62) Azobenzene	15.96	77	477752	42.39	ng		98
64) 4,6-Dinitro-2-methylphenol	15.75	198	86176	38.48	ng		97
65) n-Nitrosodiphenylamine	15.88	169	470910	37.89	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	171370	39.27	ng		98
67) Hexachlorobenzene	16.68	284	189636	39.99	ng		99
68) Atrazine	16.83	200	207712	42.03	ng		97
69) Pentachlorophenol	17.02	266	256835	87.83	ng		98
70) Phenanthrene	17.42	178	928655	41.14	ng		100
71) Anthracene	17.50	178	945931	41.39	ng		100
72) Carbazole	17.77	167	934212	42.23	ng		98
73) Di-n-butylphthalate	18.33	149	1118097	42.85	ng		99
74) Fluoranthene	19.42	202	1197188	42.83	ng		99
76) Benzidine	19.60	184	521864	35.31	ng		98
77) Pyrene	19.78	202	1223896	40.46	ng		99
79) Butylbenzylphthalate	20.66	149	501274	40.76	ng		98
80) Benzo(a)anthracene	21.61	228	1143629	40.36	ng		99
81) 3,3'-Dichlorobenzidine	21.52	252	307352	28.55	ng		95
82) Chrysene	21.68	228	1035418	38.80	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	728637	41.07	ng		99
84) Di-n-octyl phthalate	22.72	149	1235423	41.17	ng		99
85) Indeno(1,2,3-cd)pyrene	28.45	276	1357469	40.06	ng	#	100
87) Benzo(b)fluoranthene	23.80	252	1193725	41.26	ng		99
88) Benzo(k)fluoranthene	23.87	252	1162894	40.12	ng		99
89) Benzo(a)pyrene	24.67	252	1158274	42.08	ng		98
90) Dibenzo(a,h)anthracene	28.51	278	1107128	40.84	ng		99
91) Benzo(g,h,i)perylene	29.58	276	1124326	40.73	ng		98

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

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