Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091715\
Data File : BG018713.D
Acq On : 16 Sep 2015 19:39
Operator : TP
Sample : PB85576BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85576BS

Manual Integrations APPROVED
MMDadoda
9/17/2015 3:48:47 PM

Quant Time: Sep 17 05:34:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 04:50:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	40351	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	176073	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	128105	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	354623	20.00	ng		0.00
75) Chrysene-d12	21.63	240	366212	20.00	ng		0.00
86) Perylene-d12	24.81	264	380926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	301111	128.91	ng		0.00
7) Phenol-d6	7.17	99	430988	128.68	ng		0.00
23) Nitrobenzene-d5	9.16	82	233849	74.32	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	226427	131.27	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	680947	73.79	ng		0.00
78) Terphenyl-d14	19.98	244	1130916	81.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	29483	30.20	ng	#	100
3) Pyridine	3.86	79	89218	29.48	ng		95
4) n-Nitrosodimethylamine	3.78	42	32781	31.10	ng	#	68
6) Aniline	7.32	93	90043	19.51	ng		96
8) 2-Chlorophenol	7.57	128	113301	42.01	ng		97
9) Benzaldehyde	7.14	77	41479	23.00	ng		94
10) Phenol	7.19	94	152464	43.09	ng		97
11) bis(2-Chloroethyl)ether	7.42	93	101834	37.14	ng		97
12) 1,3-Dichlorobenzene	7.89	146	114064	36.35	ng		99
13) 1,4-Dichlorobenzene	8.03	146	115403	36.67	ng		97
14) 1,2-Dichlorobenzene	8.36	146	113482	37.77	ng		98
15) Benzyl Alcohol	8.23	79	98135	40.65	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	117207	37.64	ng		98
17) 2-Methylphenol	8.45	107	106864	43.47	ng		98
18) Hexachloroethane	9.09	117	39899	35.46	ng		97
19) n-Nitroso-di-n-propylamine	8.80	70	84831	35.96	ng		94
20) 3+4-Methylphenols	8.77	107	148064	42.89	ng		98
22) Acetophenone	8.82	105	167327	37.51	ng	#	98
24) Nitrobenzene	9.20	77	120119	35.95	ng		96
25) Isophorone	9.72	82	241275	35.65	ng		99
26) 2-Nitrophenol	9.91	139	64133	41.14	ng		94
27) 2,4-Dimethylphenol	9.97	122	121169	42.80	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	151139	38.90	ng		100
29) 2,4-Dichlorophenol	10.46	162	130653	45.67	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	119731	37.77	ng		92
31) Naphthalene	10.86	128	357531	37.92	ng		99
32) Benzoic acid	10.10	122	91206	40.33	ng		98
33) 4-Chloroaniline	10.96	127	64612	15.14	ng		98
34) Hexachlorobutadiene	11.14	225	68798	36.81	ng		97
35) Caprolactam	11.73	113	52238m	42.47	ng		
36) 4-Chloro-3-methylphenol	12.08	107	145416	45.57	ng		99
37) 2-Methylnaphthalene	12.46	142	274916	39.83	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	146068	35.95	ng		99
40) Hexachlorocyclopentadiene	12.81	237	153050	75.01	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	114607	40.73	ng		97
43) 2,4,5-Trichlorophenol	13.14	196	130323	42.22	ng		97
45) 1,1'-Biphenyl	13.46	154	386976	37.99	ng		98
46) 2-Chloronaphthalene	13.50	162	300965	38.35	ng		98
47) 2-Nitroaniline	13.70	65	92888	39.33	ng		88
48) Acenaphthylene	14.35	152	534923	38.56	ng		97
49) Dimethylphthalate	14.08	163	419737	39.57	ng		99
50) 2,6-Dinitrotoluene	14.20	165	96474	41.86	ng		96
51) Acenaphthene	14.69	154	307682	38.12	ng		96
52) 3-Nitroaniline	14.53	138	58561	21.26	ng		94
53) 2,4-Dinitrophenol	14.74	184	74098	65.10	ng		96
54) Dibenzofuran	15.03	168	519967	41.45	ng		99
55) 4-Nitrophenol	14.84	139	174610	82.12	ng		99
56) 2,4-Dinitrotoluene	14.99	165	140993	43.14	ng	#	99
57) Fluorene	15.67	166	441905	40.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.25	232	125793	43.46	ng		96
59) Diethylphthalate	15.44	149	439975	39.76	ng		100
60) 4-Chlorophenyl-phenylether	15.67	204	212351	40.92	ng		96
61) 4-Nitroaniline	15.69	138	110092	37.07	ng		98
62) Azobenzene	15.96	77	397455	40.65	ng		97
64) 4,6-Dinitro-2-methylphenol	15.75	198	62819	34.58	ng		93
65) n-Nitrosodiphenylamine	15.88	169	395383	38.49	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	146315	40.57	ng		94
67) Hexachlorobenzene	16.68	284	159603	40.73	ng		99
68) Atrazine	16.82	200	159322	39.01	ng		98
69) Pentachlorophenol	17.02	266	167382	69.26	ng		98
70) Phenanthrene	17.41	178	736328	39.48	ng		99
71) Anthracene	17.51	178	751911	39.81	ng		98
72) Carbazole	17.77	167	697505	38.16	ng		100
73) Di-n-butylphthalate	18.33	149	826385	38.33	ng		99
74) Fluoranthene	19.42	202	868772	37.61	ng		98
76) Benzidine	19.60	184	234771	21.35	ng		96
77) Pyrene	19.78	202	897516	39.88	ng		98
79) Butylbenzylphthalate	20.66	149	365496	39.95	ng		97
80) Benzo(a)anthracene	21.61	228	853168	40.47	ng		99
81) 3,3'-Dichlorobenzidine	21.52	252	198212	24.75	ng		100
82) Chrysene	21.68	228	771558	38.86	ng		98
83) Bis(2-ethylhexyl)phthalate	21.51	149	536731	40.66	ng		99
84) Di-n-octyl phthalate	22.71	149	920293	41.22	ng		99
85) Indeno(1,2,3-cd)pyrene	28.43	276	989544	39.25	ng	#	100
87) Benzo(b)fluoranthene	23.80	252	902721	40.87	ng		97
88) Benzo(k)fluoranthene	23.88	252	836770	37.81	ng		97
89) Benzo(a)pyrene	24.66	252	854807	40.67	ng		97
90) Dibenzo(a,h)anthracene	28.50	278	819504	39.60	ng	#	96
91) Benzo(g,h,i)perylene	29.58	276	828119	39.29	ng		98

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

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