Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019982.D
Acq On : 7 Dec 2015 15:43
Operator : UM/NP
Sample : PB87019BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87019BS

Manual Integrations APPROVED
Mmdadoda
12/8/2015 6:30:06 PM

Quant Time: Dec 08 00:23:33 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20548	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	90057	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	62768	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	154642	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	191228	20.00	ng		-0.03
86) Perylene-d12	25.04	264	174412	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	155589	136.85	ng		-0.01
7) Phenol-d6	7.27	99	226901	132.18	ng		0.00
23) Nitrobenzene-d5	9.28	82	144109	81.67	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	109504	114.02	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	353593	76.92	ng		-0.02
78) Terphenyl-d14	20.09	244	604175	77.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	14908	33.66	ng	#	100
3) Pyridine	3.92	79	48411	35.99	ng		89
4) n-Nitrosodimethylamine	3.84	42	26088	36.88	ng		79
6) Aniline	7.43	93	51535	23.18	ng	#	83
8) 2-Chlorophenol	7.68	128	59728	43.08	ng		96
9) Benzaldehyde	7.24	77	19424	16.97	ng		89
10) Phenol	7.29	94	80300	44.45	ng		80
11) bis(2-Chloroethyl)ether	7.53	93	53502	39.99	ng		91
12) 1,3-Dichlorobenzene	8.00	146	58971	37.53	ng	#	93
13) 1,4-Dichlorobenzene	8.15	146	59711	36.79	ng	#	93
14) 1,2-Dichlorobenzene	8.47	146	58380	37.71	ng		95
15) Benzyl Alcohol	8.35	79	62244	41.32	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	82784	37.94	ng		94
17) 2-Methylphenol	8.55	107	55691	43.67	ng	#	90
18) Hexachloroethane	9.21	117	22436	36.92	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	49531	36.59	ng		91
20) 3+4-Methylphenols	8.88	107	76318	42.49	ng		94
22) Acetophenone	8.94	105	87962	35.63	ng	#	93
24) Nitrobenzene	9.32	77	76939	40.20	ng		90
25) Isophorone	9.85	82	135082	35.71	ng		95
26) 2-Nitrophenol	10.04	139	32757	44.31	ng	#	77
27) 2,4-Dimethylphenol	10.09	122	62921	40.87	ng		91
28) bis(2-Chloroethoxy)methane	10.33	93	76738	41.51	ng		99
29) 2,4-Dichlorophenol	10.58	162	68969	43.85	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	66879	37.63	ng		97
31) Naphthalene	10.98	128	185810	38.51	ng		99
32) Benzoic acid	10.22	122	43514	42.70	ng		94
33) 4-Chloroaniline	11.09	127	30273	14.24	ng	#	93
34) Hexachlorobutadiene	11.26	225	46013	35.10	ng		95
35) Caprolactam	11.86	113	22927m	39.16	ng		
36) 4-Chloro-3-methylphenol	12.20	107	76408	39.01	ng		91
37) 2-Methylnaphthalene	12.58	142	141877	40.13	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	87611	36.78	ng		98
40) Hexachlorocyclopentadiene	12.93	237	92571	68.16	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	62318	39.52	ng		97
43) 2,4,5-Trichlorophenol	13.25	196	68494	41.09	ng		96
45) 1,1'-Biphenyl	13.58	154	187196	36.34	ng		98
46) 2-Chloronaphthalene	13.62	162	153911	38.76	ng		95
47) 2-Nitroaniline	13.82	65	55268	44.07	ng		87
48) Acenaphthylene	14.47	152	254631	37.65	ng		99
49) Dimethylphthalate	14.19	163	205799	36.45	ng		98
50) 2,6-Dinitrotoluene	14.31	165	45480	42.84	ng	#	81
51) Acenaphthene	14.81	154	169394	41.28	ng		97
52) 3-Nitroaniline	14.64	138	30180	27.36	ng		93
53) 2,4-Dinitrophenol	14.85	184	35438	64.73	ng		90
54) Dibenzofuran	15.14	168	250855	41.09	ng		92
55) 4-Nitrophenol	14.94	139	75669	78.78	ng	#	64
56) 2,4-Dinitrotoluene	15.10	165	65306	44.09	ng	#	93
57) Fluorene	15.79	166	202588	37.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	65720	42.61	ng		98
59) Diethylphthalate	15.55	149	215827	35.32	ng		96
60) 4-Chlorophenyl-phenylether	15.78	204	111774	35.63	ng		97
61) 4-Nitroaniline	15.80	138	48410	39.03	ng	#	79
62) Azobenzene	16.07	77	207462	40.80	ng		96
64) 4,6-Dinitro-2-methylphenol	15.86	198	33743	40.01	ng		91
65) n-Nitrosodiphenylamine	15.99	169	183967	41.11	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	72470	37.71	ng		97
67) Hexachlorobenzene	16.79	284	79053	39.49	ng		97
68) Atrazine	16.93	200	77020	39.61	ng		99
69) Pentachlorophenol	17.13	266	97255	83.24	ng		95
70) Phenanthrene	17.53	178	343436	39.25	ng		97
71) Anthracene	17.62	178	351989	39.50	ng		95
72) Carbazole	17.88	167	310115	39.50	ng		98
73) Di-n-butylphthalate	18.44	149	371229	38.58	ng		98
74) Fluoranthene	19.53	202	436935	39.04	ng		94
76) Benzidine	19.71	184	104990	16.71	ng		98
77) Pyrene	19.89	202	450365	40.03	ng		96
79) Butylbenzylphthalate	20.77	149	173817	39.42	ng		97
80) Benzo(a)anthracene	21.74	228	452779	38.68	ng		100
81) 3,3'-Dichlorobenzidine	21.65	252	94505	21.20	ng		99
82) Chrysene	21.81	228	414111	37.26	ng		96
83) Bis(2-ethylhexyl)phthalate	21.64	149	253388	39.16	ng		96
84) Di-n-octyl phthalate	22.88	149	433451	41.20	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.79	276	497970	40.67	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	447062	40.44	ng	#	94
88) Benzo(k)fluoranthene	24.07	252	420613	38.42	ng	#	95
89) Benzo(a)pyrene	24.89	252	423718	40.38	ng	#	95
90) Dibenzo(a,h)anthracene	28.87	278	408622	39.41	ng	#	95
91) Benzo(g,h,i)perylene	29.98	276	405631	39.84	ng	#	93

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

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