Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020417\
Data File : BG025800.D
Acq On : 3 Feb 2017 18:36
Operator : SJ/MA
Sample : PB96126BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB96126BS

Manual Integrations APPROVED
mohammad
2/6/2017 3:19:30 PM

Quant Time: Feb 03 22:17:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	71170	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	324385	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	254684	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	628508	20.00	ng		0.00
75) Chrysene-d12	21.83	240	791495	20.00	ng		0.00
86) Perylene-d12	25.21	264	760943	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	603577	151.99	ng		0.00
7) Phenol-d6	7.33	99	863184	148.83	ng		0.00
23) Nitrobenzene-d5	9.35	82	623092	81.16	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	455597	125.44	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1269407	80.95	ng		0.00
78) Terphenyl-d14	20.12	244	2380232	72.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	57862	32.14	ng	#	90
3) Pyridine	3.95	79	170796	34.96	ng		95
4) n-Nitrosodimethylamine	3.87	42	119503	42.52	ng		94
6) Aniline	7.49	93	138321	16.93	ng		97
8) 2-Chlorophenol	7.73	128	199642	44.29	ng		90
9) Benzaldehyde	7.31	77	104080	21.15	ng		98
10) Phenol	7.36	94	301016	46.18	ng		96
11) bis(2-Chloroethyl)ether	7.57	93	206702	40.10	ng		90
12) 1,3-Dichlorobenzene	8.05	146	209887	38.08	ng		96
13) 1,4-Dichlorobenzene	8.20	146	213634	38.12	ng		98
14) 1,2-Dichlorobenzene	8.52	146	210683	39.23	ng		95
15) Benzyl Alcohol	8.41	79	225083	44.88	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	427859	41.11	ng		98
17) 2-Methylphenol	8.62	107	184629	41.46	ng		95
18) Hexachloroethane	9.24	117	87703	38.43	ng		89
19) n-Nitroso-di-n-propylamine	8.97	70	203052	39.68	ng		97
20) 3+4-Methylphenols	8.95	107	254854	41.94	ng		98
22) Acetophenone	9.00	105	340052	38.29	ng	#	96
24) Nitrobenzene	9.39	77	315113	37.59	ng		96
25) Isophorone	9.91	82	543598	36.34	ng		98
26) 2-Nitrophenol	10.11	139	118832	40.01	ng		96
27) 2,4-Dimethylphenol	10.16	122	215010	41.56	ng		97
28) bis(2-Chloroethoxy)methane	10.38	93	306996	38.77	ng		100
29) 2,4-Dichlorophenol	10.66	162	224293	42.25	ng		99
30) 1,2,4-Trichlorobenzene	10.85	180	235044	38.06	ng		98
31) Naphthalene	11.04	128	627525	37.26	ng		98
32) Benzoic acid	10.32	122	127064	39.61	ng		92
33) 4-Chloroaniline	11.18	127	76270	10.90	ng		96
34) Hexachlorobutadiene	11.29	225	171698	34.18	ng		95
35) Caprolactam	11.94	113	84788m	37.48	ng		
36) 4-Chloro-3-methylphenol	12.28	107	277455	42.90	ng		98
37) 2-Methylnaphthalene	12.63	142	498209	38.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	326914	38.33	ng		98
40) Hexachlorocyclopentadiene	12.95	237	180431	58.13	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	196151	39.29	ng		91
43) 2,4,5-Trichlorophenol	13.34	196	213169	39.55	ng		95
45) 1,1'-Biphenyl	13.63	154	710818	40.12	ng		97
46) 2-Chloronaphthalene	13.68	162	541968	38.95	ng		98
47) 2-Nitroaniline	13.90	65	240113	40.10	ng		98
48) Acenaphthylene	14.52	152	866643	37.44	ng		95
49) Dimethylphthalate	14.24	163	717254	37.40	ng		99
50) 2,6-Dinitrotoluene	14.38	165	162192	37.35	ng		97
51) Acenaphthene	14.86	154	546448	38.21	ng		98
52) 3-Nitroaniline	14.73	138	77396	18.90	ng		93
53) 2,4-Dinitrophenol	14.95	184	184680	72.13	ng	#	86
54) Dibenzofuran	15.19	168	884074	40.91	ng		95
55) 4-Nitrophenol	15.05	139	234559	74.49	ng		91
56) 2,4-Dinitrotoluene	15.18	165	254461	40.04	ng	#	84
57) Fluorene	15.84	166	722067	37.61	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	224337	44.54	ng		96
59) Diethylphthalate	15.59	149	767635	37.75	ng		98
60) 4-Chlorophenyl-phenylether	15.82	204	387704	37.25	ng		99
61) 4-Nitroaniline	15.89	138	160913	39.13	ng		97
62) Azobenzene	16.12	77	912985	44.13	ng		96
64) 4,6-Dinitro-2-methylphenol	15.95	198	161834	36.23	ng		83
65) n-Nitrosodiphenylamine	16.04	169	690072	38.25	ng		99
66) 4-Bromophenyl-phenylether	16.72	248	278490	36.43	ng		95
67) Hexachlorobenzene	16.84	284	303521	35.31	ng		95
68) Atrazine	16.98	200	294018	33.01	ng		99
69) Pentachlorophenol	17.20	266	258085	68.33	ng		97
70) Phenanthrene	17.58	178	1282581	37.55	ng		97
71) Anthracene	17.68	178	1334836	37.90	ng		99
72) Carbazole	17.95	167	1209864	35.47	ng		98
73) Di-n-butylphthalate	18.46	149	1461839	37.04	ng		97
74) Fluoranthene	19.59	202	1666700	35.61	ng		97
76) Benzidine	19.76	184	315434	11.61	ng		95
77) Pyrene	19.95	202	1710241	38.79	ng		99
79) Butylbenzylphthalate	20.79	149	742903	40.58	ng		96
80) Benzo(a)anthracene	21.81	228	1805615	38.52	ng		97
81) 3,3'-Dichlorobenzidine	21.72	252	316769	17.22	ng		94
82) Chrysene	21.88	228	1644349	37.11	ng		99
83) Bis(2-ethylhexyl)phthalate	21.65	149	1036214	40.64	ng		98
84) Di-n-octyl phthalate	22.89	149	1730975	41.80	ng		98
85) Indeno(1,2,3-cd)pyrene	29.12	276	2088697	38.67	ng	#	93
87) Benzo(b)fluoranthene	24.12	252	1816513	41.30	ng		98
88) Benzo(k)fluoranthene	24.19	252	1709998	39.72	ng	#	98
89) Benzo(a)pyrene	25.05	252	1734120	41.45	ng	#	97
90) Dibenzo(a,h)anthracene	29.15	278	1758453	40.65	ng	#	95
91) Benzo(g,h,i)perylene	30.33	276	1757194	40.87	ng	#	95

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

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