Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
Data File : BG037307.D
Acq On : 13 Oct 2018 1:32
Operator : JU/SJ
Sample : PB113793BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113793BS

Manual Integrations APPROVED
Sohil
10/15/2018 12:59:13 PM

Quant Time: Oct 13 04:24:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	49566	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	222030	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	149983	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	377816	20.00	ng		0.00
76) Chrysene-d12	21.79	240	353252	20.00	ng		0.00
87) Perylene-d12	25.14	264	380408	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	366448	130.11	ng		0.00
7) Phenol-d6	7.26	99	526724	123.21	ng		0.00
23) Nitrobenzene-d5	9.30	82	279430	82.74	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	187713	127.62	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	713734	71.47	ng		0.00
79) Terphenyl-d14	20.10	244	1219734	72.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	42307	26.746	ng	#	96
3) Pyridine	3.94	79	124938	33.267	ng		95
4) n-Nitrosodimethylamine	3.86	42	57357	39.327	ng		94
6) Aniline	7.44	93	152996	27.340	ng		97
8) 2-Chlorophenol	7.67	128	141522	42.935	ng		98
9) Benzaldehyde	7.26	77	74528	25.322	ng		98
10) Phenol	7.29	94	194948	43.300	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	131403	35.725	ng		96
12) 1,3-Dichlorobenzene	8.00	146	140409	36.235	ng		96
13) 1,4-Dichlorobenzene	8.15	146	142547	36.335	ng		99
14) 1,2-Dichlorobenzene	8.47	146	136964	36.028	ng		97
15) Benzyl Alcohol	8.36	79	131563	39.345	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	246044	33.837	ng		99
17) 2-Methylphenol	8.55	107	131041	43.459	ng		98
18) Hexachloroethane	9.20	117	48360	36.116	ng		97
19) n-Nitroso-di-n-propylamine	8.93	70	112972	34.906	ng		98
20) 3+4-Methylphenols	8.87	107	182058	43.181	ng		98
22) Acetophenone	8.95	105	212144	37.904	ng	#	99
24) Nitrobenzene	9.34	77	154435	42.695	ng		97
25) Isophorone	9.85	82	321208	41.664	ng		97
26) 2-Nitrophenol	10.05	139	57011	43.627	ng		97
27) 2,4-Dimethylphenol	10.09	122	157814	48.973	ng		99
28) bis(2-Chloroethoxy)methane	10.34	93	195262	40.482	ng		99
29) 2,4-Dichlorophenol	10.58	162	152579	46.645	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	146152	36.717	ng		96
31) Naphthalene	10.99	128	441177	40.886	ng		99
32) Benzoic acid	10.20	122	80271	45.113	ng		97
33) 4-Chloroaniline	11.10	127	88290	17.442	ng		96
34) Hexachlorobutadiene	11.26	225	86064	34.817	ng		99
35) Caprolactam	11.88	113	60619m	45.457	ng		
36) 4-Chloro-3-methylphenol	12.20	107	174564	45.186	ng		99
37) 2-Methylnaphthalene	12.59	142	336130	42.685	ng		98
38) 1-Methylnaphthalene	12.81	142	323975	42.124	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	171727	35.356	ng		98

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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)
41) Hexachlorocyclopentadiene	12.92	237	188534	94.157 ng	98
43) 2,4,6-Trichlorophenol	13.19	196	128421	45.577 ng	99
44) 2,4,5-Trichlorophenol	13.25	196	144534	47.675 ng	98
46) 1,1'-Biphenyl	13.59	154	452307	36.660 ng	99
47) 2-Chloronaphthalene	13.63	162	355913	38.191 ng	98
48) 2-Nitroaniline	13.84	65	108575	43.599 ng	97
49) Acenaphthylene	14.48	152	598539	41.984 ng	99
50) Dimethylphthalate	14.20	163	490047	41.576 ng	99
51) 2,6-Dinitrotoluene	14.33	165	99302	43.836 ng	94
52) Acenaphthene	14.82	154	349047	39.637 ng	97
53) 3-Nitroaniline	14.66	138	65822	26.691 ng	94
54) 2,4-Dinitrophenol	14.86	184	28983	49.141 ng	93
55) Dibenzofuran	15.15	168	556501	38.947 ng	100
56) 4-Nitrophenol	14.95	139	185549	96.524 ng	98
57) 2,4-Dinitrotoluene	15.11	165	136293	47.142 ng	97
58) Fluorene	15.79	166	462580	42.805 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	127117	47.360 ng	99
60) Diethylphthalate	15.56	149	511140	41.845 ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	237952	37.670 ng	98
62) 4-Nitroaniline	15.82	138	118401	45.742 ng	95
63) Azobenzene	16.08	77	472283	40.326 ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	33570	30.816 ng	98
66) n-Nitrosodiphenylamine	16.00	169	432987	39.024 ng	99
67) 4-Bromophenyl-phenylether	16.68	248	151510	37.157 ng	96
68) Hexachlorobenzene	16.79	284	155949	36.887 ng	98
69) Atrazine	16.95	200	170139	41.258 ng	96
70) Pentachlorophenol	17.13	266	173934	63.767 ng	97
71) Phenanthrene	17.54	178	798649	41.526 ng	99
72) Anthracene	17.63	178	810819	43.072 ng	98
73) Carbazole	17.90	167	757008	39.030 ng	99
74) Di-n-butylphthalate	18.44	149	897385	43.168 ng	100
75) Fluoranthene	19.54	202	961949	42.795 ng	99
77) Benzidine	19.73	184	327186	24.211 ng	98
78) Pyrene	19.91	202	959490	41.676 ng	99
80) Butylbenzylphthalate	20.78	149	400036	44.659 ng	99
81) Benzo(a)anthracene	21.76	228	909348	42.982 ng	99
82) 3,3'-Dichlorobenzidine	21.68	252	178316	21.849 ng	99
83) Chrysene	21.83	228	841889	41.716 ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	565652	43.977 ng	99
85) Di-n-octyl phthalate	22.91	149	961174	46.040 ng	98
86) Indeno(1,2,3-cd)pyrene	28.97	276	1006909	45.013 ng	98
88) Benzo(b)fluoranthene	24.06	252	893689	43.211 ng	99
89) Benzo(k)fluoranthene	24.14	252	868918	42.577 ng	96
90) Benzo(a)pyrene	24.98	252	874256	44.083 ng	100
91) Dibenzo(a,h)anthracene	29.06	278	828432	43.658 ng	97
92) Benzo(g,h,i)perylene	30.19	276	835618	44.092 ng	99

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

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