Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
Data File : BG037262.D
Acq On : 11 Oct 2018 18:01
Operator : JU/SJ
Sample : PB113765BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113765BS

Manual Integrations APPROVED
Sohil
10/12/2018 8:53:16 AM

Quant Time: Oct 11 19:02:02 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	42913	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	203700	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	135686	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	340407	20.00	ng		0.00
76) Chrysene-d12	21.79	240	324558	20.00	ng		0.00
87) Perylene-d12	25.14	264	350468	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	389189	159.61	ng		0.00
7) Phenol-d6	7.26	99	541915	146.42	ng		0.00
23) Nitrobenzene-d5	9.30	82	275789	89.01	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	189721	142.57	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	755392	83.61	ng		0.00
79) Terphenyl-d14	20.11	244	1250421	80.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	42310	30.895	ng		98
3) Pyridine	3.94	79	120675	37.114	ng		99
4) n-Nitrosodimethylamine	3.86	42	58848	46.605	ng		93
6) Aniline	7.44	93	185483	38.285	ng		99
8) 2-Chlorophenol	7.68	128	138263	48.449	ng		98
9) Benzaldehyde	7.26	77	45670	17.923	ng		97
10) Phenol	7.29	94	188199	48.282	ng		97
11) bis(2-Chloroethyl)ether	7.54	93	130193	40.884	ng		98
12) 1,3-Dichlorobenzene	8.01	146	134490	40.088	ng		99
13) 1,4-Dichlorobenzene	8.16	146	136921	40.311	ng		98
14) 1,2-Dichlorobenzene	8.48	146	132157	40.153	ng		99
15) Benzyl Alcohol	8.36	79	130760	45.168	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	259762	41.262	ng		97
17) 2-Methylphenol	8.55	107	127608	48.881	ng		99
18) Hexachloroethane	9.21	117	46941	40.491	ng		99
19) n-Nitroso-di-n-propylamine	8.93	70	111495	39.790	ng		99
20) 3+4-Methylphenols	8.88	107	173800	47.613	ng		98
22) Acetophenone	8.95	105	205035	39.930	ng	#	99
24) Nitrobenzene	9.34	77	147465	44.436	ng		97
25) Isophorone	9.86	82	319417	45.160	ng		97
26) 2-Nitrophenol	10.05	139	48384	41.066	ng		96
27) 2,4-Dimethylphenol	10.09	122	147898	50.026	ng		99
28) bis(2-Chloroethoxy)methane	10.35	93	189590	42.843	ng		98
29) 2,4-Dichlorophenol	10.58	162	143941	47.964	ng		100
30) 1,2,4-Trichlorobenzene	10.80	180	140523	38.480	ng		98
31) Naphthalene	11.00	128	434152	43.855	ng		99
32) Benzoic acid	10.21	122	69866	42.798	ng		97
33) 4-Chloroaniline	11.11	127	125133	26.945	ng		98
34) Hexachlorobutadiene	11.26	225	84752	37.372	ng		94
35) Caprolactam	11.89	113	54336m	44.412	ng		
36) 4-Chloro-3-methylphenol	12.20	107	162925	45.969	ng		98
37) 2-Methylnaphthalene	12.59	142	327515	45.333	ng		98
38) 1-Methylnaphthalene	12.81	142	313357	44.409	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	162036	36.876	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	175463	96.862 ng	98
43) 2,4,6-Trichlorophenol	13.19	196	117300	46.017 ng	97
44) 2,4,5-Trichlorophenol	13.26	196	127436	46.465 ng	95
46) 1,1'-Biphenyl	13.60	154	421109	37.728 ng	98
47) 2-Chloronaphthalene	13.64	162	334251	39.645 ng	98
48) 2-Nitroaniline	13.84	65	92074	41.229 ng	97
49) Acenaphthylene	14.48	152	563755	43.711 ng	100
50) Dimethylphthalate	14.21	163	464288	43.541 ng	100
51) 2,6-Dinitrotoluene	14.33	165	87715	42.915 ng	98
52) Acenaphthene	14.82	154	332792	41.774 ng	98
53) 3-Nitroaniline	14.67	138	71289	31.954 ng	96
54) 2,4-Dinitrophenol	14.87	184	53990	101.186 ng	98
55) Dibenzofuran	15.15	168	521618	40.352 ng	98
56) 4-Nitrophenol	14.95	139	165283	95.041 ng	95
57) 2,4-Dinitrotoluene	15.11	165	114707	44.228 ng	97
58) Fluorene	15.80	166	432201	44.208 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.37	232	115489m	47.561 ng	
60) Diethylphthalate	15.56	149	482114	43.627 ng	99
61) 4-Chlorophenyl-phenylether	15.79	204	224523	39.289 ng	99
62) 4-Nitroaniline	15.83	138	105037	44.855 ng	96
63) Azobenzene	16.09	77	446437	42.136 ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	38840	37.883 ng	98
66) n-Nitrosodiphenylamine	16.01	169	399226	39.936 ng	100
67) 4-Bromophenyl-phenylether	16.69	248	142894	38.895 ng	99
68) Hexachlorobenzene	16.79	284	146599	38.486 ng	98
69) Atrazine	16.95	200	155546	41.864 ng	98
70) Pentachlorophenol	17.14	266	172524	70.201 ng	96
71) Phenanthrene	17.54	178	740158	42.714 ng	99
72) Anthracene	17.64	178	750421	44.245 ng	98
73) Carbazole	17.91	167	706132	40.408 ng	100
74) Di-n-butylphthalate	18.46	149	840294	44.863 ng	99
75) Fluoranthene	19.55	202	901381	44.507 ng	100
77) Benzidine	19.73	184	451070	36.329 ng	99
78) Pyrene	19.91	202	893439	42.237 ng	99
80) Butylbenzylphthalate	20.79	149	365604	44.424 ng	97
81) Benzo(a)anthracene	21.78	228	850770	43.768 ng	100
82) 3,3'-Dichlorobenzidine	21.69	252	209331	27.917 ng	99
83) Chrysene	21.84	228	786264	42.404 ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	522530	44.216 ng	99
85) Di-n-octyl phthalate	22.93	149	875902	45.664 ng	99
86) Indeno(1,2,3-cd)pyrene	29.00	276	949635	46.206 ng	98
88) Benzo(b)fluoranthene	24.07	252	864231	45.356 ng	99
89) Benzo(k)fluoranthene	24.15	252	799259	42.509 ng	98
90) Benzo(a)pyrene	24.99	252	817086	44.720 ng	99
91) Dibenzo(a,h)anthracene	29.08	278	776294	44.405 ng	99
92) Benzo(g,h,i)perylene	30.21	276	783387	44.867 ng	99

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

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