Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
Data File : BG037168.D
Acq On : 4 Oct 2018 23:21
Operator : JU/SJ
Sample : PB113496BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113496BS

Manual Integrations APPROVED
Sohil
10/5/2018 3:17:19 PM

Quant Time: Oct 05 01:51:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32588	20.00	ng		-0.01
21) Naphthalene-d8	10.84	136	138803	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	98091	20.00	ng		-0.02
63) Phenanthrene-d10	17.41	188	268659	20.00	ng		-0.01
75) Chrysene-d12	21.67	240	274971	20.00	ng		-0.02
86) Perylene-d12	24.87	264	285180	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	196035	115.37	ng		-0.01
7) Phenol-d6	7.19	99	290079	110.34	ng		-0.02
23) Nitrobenzene-d5	9.19	82	182364	70.36	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	131158	111.76	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	413617	62.80	ng		-0.02
78) Terphenyl-d14	20.01	244	825934	78.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	27293	35.101	ng		94
3) Pyridine	3.90	79	73860	32.898	ng		97
4) n-Nitrosodimethylamine	3.82	42	42688	42.780	ng	#	88
6) Aniline	7.36	93	69251	20.300	ng		99
8) 2-Chlorophenol	7.59	128	79258	40.171	ng		90
9) Benzaldehyde	7.17	77	36752	21.156	ng		99
10) Phenol	7.22	94	111059	40.931	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	77141	30.735	ng		98
12) 1,3-Dichlorobenzene	7.92	146	77755	32.144	ng		96
13) 1,4-Dichlorobenzene	8.06	146	80086	32.352	ng		99
14) 1,2-Dichlorobenzene	8.39	146	78656	32.789	ng		95
15) Benzyl Alcohol	8.27	79	70383	32.994	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	165950	34.440	ng		98
17) 2-Methylphenol	8.47	107	71904	38.045	ng		98
18) Hexachloroethane	9.11	117	31902	35.021	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	69395	31.730	ng		98
20) 3+4-Methylphenols	8.80	107	98956	37.636	ng		99
22) Acetophenone	8.85	105	119050	36.498	ng		94
24) Nitrobenzene	9.24	77	100513	36.313	ng		99
25) Isophorone	9.75	82	195811	41.344	ng		99
26) 2-Nitrophenol	9.95	139	43139	39.100	ng		93
27) 2,4-Dimethylphenol	10.00	122	79019	45.978	ng		94
28) bis(2-Chloroethoxy)methane	10.24	93	108713	37.200	ng		99
29) 2,4-Dichlorophenol	10.48	162	87004	43.671	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	83266	33.397	ng		97
31) Naphthalene	10.88	128	254012	38.461	ng		100
32) Benzoic acid	10.13	122	9671m	12.273	ng		
33) 4-Chloroaniline	11.00	127	51850	17.267	ng		98
34) Hexachlorobutadiene	11.17	225	55088	31.950	ng		97
35) Caprolactam	11.76	113	36933m	45.041	ng		
36) 4-Chloro-3-methylphenol	12.11	107	106123	44.642	ng		100
37) 2-Methylnaphthalene	12.49	142	199394	39.641	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	109804	32.095	ng		99
40) Hexachlorocyclopentadiene	12.83	237	117192	66.603	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)
42) 2,4,6-Trichlorophenol	13.09	196	76127	40.070	ng		94
43) 2,4,5-Trichlorophenol	13.17	196	86445	42.672	ng		97
45) 1,1'-Biphenyl	13.49	154	268972	35.804	ng		97
46) 2-Chloronaphthalene	13.53	162	202901	34.344	ng		97
47) 2-Nitroaniline	13.74	65	89035	43.571	ng		95
48) Acenaphthylene	14.38	152	364709	39.395	ng		99
49) Dimethylphthalate	14.11	163	302695	38.337	ng		98
50) 2,6-Dinitrotoluene	14.23	165	66671	38.702	ng		95
51) Acenaphthene	14.72	154	206939	36.986	ng		98
52) 3-Nitroaniline	14.57	138	46554	25.645	ng		97
53) 2,4-Dinitrophenol	14.80	184	5248	13.529	ng	#	87
54) Dibenzofuran	15.06	168	354809	37.490	ng		99
55) 4-Nitrophenol	14.88	139	101824	87.803	ng		95
56) 2,4-Dinitrotoluene	15.02	165	98396	40.933	ng		97
57) Fluorene	15.70	166	290048	41.004	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	90811	44.189	ng		98
59) Diethylphthalate	15.47	149	318922	40.048	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	157220	35.096	ng		95
61) 4-Nitroaniline	15.73	138	76828	40.236	ng		98
62) Azobenzene	15.99	77	321739	42.047	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	17765	12.648	ng		91
65) n-Nitrosodiphenylamine	15.91	169	271094	36.551	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	102706	33.610	ng		92
67) Hexachlorobenzene	16.71	284	104790	33.295	ng		97
68) Atrazine	16.86	200	117292	39.056	ng		96
69) Pentachlorophenol	17.05	266	78264	39.496	ng		96
70) Phenanthrene	17.45	178	518167	40.024	ng		99
71) Anthracene	17.54	178	528209	41.261	ng		100
72) Carbazole	17.81	167	476068	38.141	ng		98
73) Di-n-butylphthalate	18.36	149	566141	40.843	ng		99
74) Fluoranthene	19.45	202	639505	41.036	ng		98
76) Benzidine	19.64	184	228911	27.539	ng		100
77) Pyrene	19.82	202	636048	38.547	ng		99
79) Butylbenzylphthalate	20.70	149	259013	39.382	ng		98
80) Benzo(a)anthracene	21.65	228	616823	38.428	ng		98
81) 3,3'-Dichlorobenzidine	21.57	252	137312	22.474	ng		99
82) Chrysene	21.72	228	584721	37.702	ng		98
83) Bis(2-ethylhexyl)phthalate	21.55	149	364386	39.659	ng		99
84) Di-n-octyl phthalate	22.75	149	625076	41.320	ng		99
85) Indeno(1,2,3-cd)pyrene	28.51	276	672262	40.366	ng	#	93
87) Benzo(b)fluoranthene	23.85	252	604967	39.806	ng		98
88) Benzo(k)fluoranthene	23.92	252	589880	38.687	ng		99
89) Benzo(a)pyrene	24.72	252	585136	39.824	ng		99
90) Dibenzo(a,h)anthracene	28.56	278	550670	39.989	ng		98
91) Benzo(g,h,i)perylene	29.63	276	560847	40.582	ng		98

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

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