Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109694.D
Acq On : 9 Oct 2018 14:50
Operator : JU/SJ
Sample : PB113600BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113600BS

Manual Integrations APPROVED
Sohil
10/10/2018 11:37:00 AM

Quant Time: Oct 09 15:44:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	87416	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	380019	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	187744	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	365660	20.00	ng		0.00
75) Chrysene-d12	13.84	240	272825	20.00	ng		0.00
86) Perylene-d12	15.23	264	223433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	670668	136.18	ng		0.01
7) Phenol-d6	6.36	99	857972	130.41	ng		0.00
23) Nitrobenzene-d5	7.26	82	578405	83.90	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	253542	123.94	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1135340	83.29	ng		0.00
78) Terphenyl-d14	12.79	244	1101086	78.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	89476	34.618	ng		98
3) Pyridine	3.22	79	184378	34.577	ng		99
4) n-Nitrosodimethylamine	3.15	42	87421	45.421	ng		96
6) Aniline	6.37	93	261901	34.174	ng	#	74
8) 2-Chlorophenol	6.49	128	265497	43.835	ng		95
9) Benzaldehyde	6.25	77	72783	17.192	ng		98
10) Phenol	6.37	94	305328	40.473	ng		83
11) bis(2-Chloroethyl)ether	6.44	93	279452	44.682	ng		99
12) 1,3-Dichlorobenzene	6.64	146	280832	40.539	ng		98
13) 1,4-Dichlorobenzene	6.72	146	308328	40.831	ng		98
14) 1,2-Dichlorobenzene	6.87	146	275516	41.545	ng		99
15) Benzyl Alcohol	6.85	79	207073	42.457	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	336845	40.618	ng		92
17) 2-Methylphenol	6.97	107	209191	43.676	ng		94
18) Hexachloroethane	7.20	117	109192	40.909	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	187063	40.546	ng		99
20) 3+4-Methylphenols	7.12	107	252868	42.845	ng	#	89
22) Acetophenone	7.11	105	380380	41.392	ng		100
24) Nitrobenzene	7.28	77	281023	39.175	ng		99
25) Isophorone	7.52	82	515699	45.048	ng		99
26) 2-Nitrophenol	7.60	139	142874	42.580	ng		96
27) 2,4-Dimethylphenol	7.65	122	228414	47.140	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	325135	41.989	ng		99
29) 2,4-Dichlorophenol	7.85	162	231680	42.628	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	239022	39.728	ng		100
31) Naphthalene	8.00	128	812869	46.252	ng		100
32) Benzoic acid	7.80	122	118603	34.236	ng		96
33) 4-Chloroaniline	8.06	127	212723	27.486	ng		98
34) Hexachlorobutadiene	8.12	225	145066	38.779	ng		98
35) Caprolactam	8.43	113	66014m	40.671	ng		
36) 4-Chloro-3-methylphenol	8.55	107	246998	43.053	ng		97
37) 2-Methylnaphthalene	8.69	142	524752	45.582	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	243542	38.108	ng		98
40) Hexachlorocyclopentadiene	8.85	237	241636	85.778	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	152746	39.981	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	173703	39.544	ng		99
45) 1,1'-Biphenyl	9.15	154	631404	37.646	ng		99
46) 2-Chloronaphthalene	9.18	162	488322	38.862	ng		99
47) 2-Nitroaniline	9.28	65	155500	40.870	ng		96
48) Acenaphthylene	9.59	152	789566	43.101	ng		100
49) Dimethylphthalate	9.46	163	571937	41.537	ng		100
50) 2,6-Dinitrotoluene	9.52	165	124791	41.810	ng		94
51) Acenaphthene	9.76	154	443637	40.853	ng		99
52) 3-Nitroaniline	9.69	138	95642	28.586	ng		97
53) 2,4-Dinitrophenol	9.80	184	91438	94.954	ng		97
54) Dibenzofuran	9.93	168	656167	40.310	ng		98
55) 4-Nitrophenol	9.87	139	133715	73.014	ng		96
56) 2,4-Dinitrotoluene	9.93	165	154086	41.368	ng		96
57) Fluorene	10.27	166	525239	43.208	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	148007	41.450	ng		97
59) Diethylphthalate	10.16	149	559412	41.004	ng		100
60) 4-Chlorophenyl-phenylether	10.27	204	250824	39.111	ng		98
61) 4-Nitroaniline	10.31	138	128412	41.444	ng		98
62) Azobenzene	10.43	77	581448	41.970	ng		100
64) 4,6-Dinitro-2-methylphenol	10.34	198	65574	36.844	ng		96
65) n-Nitrosodiphenylamine	10.39	169	483847	39.033	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	163437	38.900	ng		98
67) Hexachlorobenzene	10.82	284	173431	38.120	ng	#	89
68) Atrazine	10.92	200	156516	40.459	ng		99
69) Pentachlorophenol	11.02	266	169245	66.110	ng		98
70) Phenanthrene	11.23	178	774438	42.321	ng		99
71) Anthracene	11.29	178	837097	44.253	ng		99
72) Carbazole	11.44	167	724394	39.484	ng		100
73) Di-n-butylphthalate	11.77	149	863752	40.592	ng		99
74) Fluoranthene	12.41	202	827679	43.296	ng		100
76) Benzidine	12.54	184	407430	40.201	ng		96
77) Pyrene	12.64	202	822111	41.128	ng		99
79) Butylbenzylphthalate	13.26	149	358943	41.418	ng		97
80) Benzo(a)anthracene	13.83	228	647947	43.037	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	173483	28.617	ng		99
82) Chrysene	13.86	228	669222	42.318	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	439360	41.554	ng		97
84) Di-n-octyl phthalate	14.43	149	735305	43.998	ng		100
85) Indeno(1,2,3-cd)pyrene	16.59	276	488301	43.139	ng		99
87) Benzo(b)fluoranthene	14.84	252	526884	42.672	ng		99
88) Benzo(k)fluoranthene	14.87	252	557119	44.907	ng		98
89) Benzo(a)pyrene	15.17	252	500237	44.645	ng		99
90) Dibenzo(a,h)anthracene	16.59	278	396658	43.104	ng		99
91) Benzo(g,h,i)perylene	16.99	276	407794	44.377	ng		99

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

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