Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109782.D
Acq On : 11 Oct 2018 10:26
Operator : JU/SJ
Sample : PB113623BSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113623BSD

Quant Time: Oct 11 11:07:26 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	83861	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	337430	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	155832	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	274090	20.00	ng		0.00
75) Chrysene-d12	13.83	240	187386	20.00	ng		0.00
86) Perylene-d12	15.23	264	187104	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	325883	68.98	ng		0.00
7) Phenol-d6	6.35	99	434466	68.84	ng		-0.01
23) Nitrobenzene-d5	7.26	82	435558	71.15	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	111353	65.58	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	810547	71.64	ng		0.00
78) Terphenyl-d14	12.78	244	655921	67.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	60603	24.441	ng		96
3) Pyridine	3.14	79	135023	26.395	ng		95
4) n-Nitrosodimethylamine	3.08	42	52822	28.608	ng		90
6) Aniline	6.36	93	106745	14.519	ng	#	42
8) 2-Chlorophenol	6.49	128	195373	33.624	ng		98
9) Benzaldehyde	6.25	77	86170	21.217	ng		98
10) Phenol	6.36	94	216957	29.978	ng	#	77
11) bis(2-Chloroethyl)ether	6.43	93	158441	26.407	ng		97
12) 1,3-Dichlorobenzene	6.63	146	202925	30.535	ng		97
13) 1,4-Dichlorobenzene	6.71	146	224467	30.986	ng		99
14) 1,2-Dichlorobenzene	6.86	146	193291	30.382	ng		99
15) Benzyl Alcohol	6.85	79	148412	31.719	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	248559	31.243	ng		99
17) 2-Methylphenol	6.96	107	150546	32.764	ng		94
18) Hexachloroethane	7.20	117	78211	30.544	ng		96
19) n-Nitroso-di-n-propylamine	7.11	70	138843	31.370	ng		99
20) 3+4-Methylphenols	7.12	107	182110	32.164	ng		96
22) Acetophenone	7.10	105	286175	35.072	ng		99
24) Nitrobenzene	7.28	77	202054	31.721	ng		98
25) Isophorone	7.52	82	379888	37.373	ng		100
26) 2-Nitrophenol	7.60	139	98275	32.985	ng		94
27) 2,4-Dimethylphenol	7.65	122	164747	38.292	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	238314	34.661	ng		99
29) 2,4-Dichlorophenol	7.85	162	160414	33.241	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	173091	32.400	ng		99
31) Naphthalene	8.00	128	586486	37.583	ng		99
32) Benzoic acid	7.77	122	55787	18.136	ng		90
33) 4-Chloroaniline	8.06	127	68088	9.908	ng		98
34) Hexachlorobutadiene	8.12	225	106025	31.920	ng		99
35) Caprolactam	8.42	113	49130	34.090	ng		98
36) 4-Chloro-3-methylphenol	8.55	107	174823	34.319	ng		100
37) 2-Methylnaphthalene	8.69	142	376404	36.823	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	180814	34.087	ng		99
40) Hexachlorocyclopentadiene	8.84	237	54180	28.429	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	102934	32.461	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	119361	32.737	ng		97
45) 1,1'-Biphenyl	9.15	154	470673	33.810	ng		99
46) 2-Chloronaphthalene	9.17	162	351863	33.737	ng		99
47) 2-Nitroaniline	9.27	65	109453	34.659	ng		97
48) Acenaphthylene	9.59	152	559027	36.766	ng		100
49) Dimethylphthalate	9.45	163	418140	36.587	ng		100
50) 2,6-Dinitrotoluene	9.52	165	87988	35.516	ng		98
51) Acenaphthene	9.76	154	309493	34.336	ng		99
52) 3-Nitroaniline	9.69	138	46648	16.798	ng		97
53) 2,4-Dinitrophenol	9.81	184	21713	27.165	ng	#	86
54) Dibenzofuran	9.93	168	473330	35.033	ng		99
55) 4-Nitrophenol	9.87	139	81397	53.548	ng		91
56) 2,4-Dinitrotoluene	9.92	165	108657	35.145	ng		97
57) Fluorene	10.27	166	373090	36.977	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	93491	31.544	ng		97
59) Diethylphthalate	10.15	149	412166	36.398	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	183449	34.463	ng		99
61) 4-Nitroaniline	10.30	138	76620	29.792	ng		99
62) Azobenzene	10.42	77	406104	35.316	ng		99
64) 4,6-Dinitro-2-methylphenol	10.33	198	24849	18.627	ng		90
65) n-Nitrosodiphenylamine	10.39	169	344264	37.051	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	113156	35.930	ng		98
67) Hexachlorobenzene	10.82	284	113239	33.205	ng		98
68) Atrazine	10.91	200	111213	38.352	ng		97
69) Pentachlorophenol	11.02	266	84594	44.083	ng		99
70) Phenanthrene	11.23	178	488108	35.585	ng		99
71) Anthracene	11.28	178	528050	37.241	ng		100
72) Carbazole	11.44	167	451710	32.847	ng		98
73) Di-n-butylphthalate	11.76	149	603248	37.821	ng		99
74) Fluoranthene	12.41	202	473488	33.043	ng		97
76) Benzidine	12.54	184	185402	26.635	ng		96
77) Pyrene	12.63	202	451179	32.863	ng		98
79) Butylbenzylphthalate	13.25	149	212667	35.728	ng		98
80) Benzo(a)anthracene	13.82	228	375899	36.351	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	94255	22.637	ng		99
82) Chrysene	13.86	228	399096	36.743	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	275491	37.936	ng		97
84) Di-n-octyl phthalate	14.42	149	486283	42.364	ng		99
85) Indeno(1,2,3-cd)pyrene	16.57	276	314653	40.473	ng		99
87) Benzo(b)fluoranthene	14.83	252	354526	34.288	ng		98
88) Benzo(k)fluoranthene	14.86	252	403033	38.795	ng		99
89) Benzo(a)pyrene	15.17	252	351065	37.415	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	269678	34.995	ng		98
91) Benzo(g,h,i)perylene	16.98	276	244610	31.787	ng		99

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

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