Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099260.D
Acq On : 9 Oct 2017 14:15
Operator : SJ/JU
Sample : PB103065BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 09 17:22:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Manual Integrations APPROVED
Sohil
10/10/2017 5:10:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	103425	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	436669	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	204345	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	378985	20.00	ng		0.00
75) Chrysene-d12	14.03	240	298237	20.00	ng		0.00
86) Perylene-d12	15.50	264	244755	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	892873	137.43	ng		0.02
7) Phenol-d6	6.50	99	1088700	135.84	ng		0.00
23) Nitrobenzene-d5	7.43	82	655682	96.29	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	244269	146.09	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1231688	100.62	ng		0.00
78) Terphenyl-d14	12.97	244	1158850	88.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	119278	38.433	ng		94
3) Pyridine	3.51	79	337111	40.153	ng		93
4) n-Nitrosodimethylamine	3.46	42	132674	37.266	ng	#	78
6) Aniline	6.53	93	302115	27.929	ng		97
8) 2-Chlorophenol	6.66	128	325714	44.270	ng		93
9) Benzaldehyde	6.42	77	122747	26.402	ng		96
10) Phenol	6.52	94	401899	44.837	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	298356	42.816	ng		97
12) 1,3-Dichlorobenzene	6.80	146	341898	44.371	ng		99
13) 1,4-Dichlorobenzene	6.88	146	348498	44.453	ng		99
14) 1,2-Dichlorobenzene	7.03	146	323932	44.718	ng		99
15) Benzyl Alcohol	7.01	79	254448	43.276	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	422265	38.895	ng		91
17) 2-Methylphenol	7.12	107	274189	45.545	ng		97
18) Hexachloroethane	7.37	117	121140	42.989	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	202485	39.571	ng		93
20) 3+4-Methylphenols	7.27	107	323963	42.538	ng	#	72
22) Acetophenone	7.27	105	426652	40.327	ng		97
24) Nitrobenzene	7.45	77	323569	41.891	ng		94
25) Isophorone	7.69	82	594450	42.226	ng		98
26) 2-Nitrophenol	7.76	139	185337	49.898	ng		92
27) 2,4-Dimethylphenol	7.80	122	296721	42.301	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	378552	43.149	ng		99
29) 2,4-Dichlorophenol	8.00	162	281592	46.757	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	273665	45.433	ng		98
31) Naphthalene	8.17	128	919806	44.850	ng		99
32) Benzoic acid	7.94	122	197902	34.346	ng		92
33) 4-Chloroaniline	8.22	127	157010	18.333	ng		96
34) Hexachlorobutadiene	8.28	225	134653	43.401	ng		98
35) Caprolactam	8.60	113	98161m	50.812	ng		
36) 4-Chloro-3-methylphenol	8.70	107	296372	43.782	ng		95
37) 2-Methylnaphthalene	8.86	142	640044	48.007	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	254662	41.788	ng		100
40) Hexachlorocyclopentadiene	9.01	237	199864	71.764	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	186887	43.288	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	197907	45.921	ng		93
45) 1,1'-Biphenyl	9.32	154	748282	42.607	ng		98
46) 2-Chloronaphthalene	9.35	162	593984	45.046	ng		97
47) 2-Nitroaniline	9.45	65	177743	44.022	ng		92
48) Acenaphthylene	9.77	152	908004	44.983	ng		100
49) Dimethylphthalate	9.63	163	693782	44.984	ng		100
50) 2,6-Dinitrotoluene	9.69	165	159398	47.473	ng	#	85
51) Acenaphthene	9.94	154	527813	41.278	ng		99
52) 3-Nitroaniline	9.86	138	127972	32.687	ng		90
53) 2,4-Dinitrophenol	9.97	184	135590	77.742	ng		89
54) Dibenzofuran	10.11	168	810473	47.605	ng		100
55) 4-Nitrophenol	10.03	139	259592	78.416	ng		88
56) 2,4-Dinitrotoluene	10.10	165	211173	48.461	ng		90
57) Fluorene	10.45	166	633031	46.261	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	149923	50.358	ng		96
59) Diethylphthalate	10.32	149	668701	44.372	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	279192	45.420	ng		98
61) 4-Nitroaniline	10.48	138	194120	51.394	ng		90
62) Azobenzene	10.60	77	615548	44.422	ng		93
64) 4,6-Dinitro-2-methylphenol	10.51	198	100675	43.661	ng	#	75
65) n-Nitrosodiphenylamine	10.56	169	577306	43.971	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	166587	44.907	ng		91
67) Hexachlorobenzene	11.00	284	171928	43.394	ng		100
68) Atrazine	11.09	200	181980	46.069	ng		99
69) Pentachlorophenol	11.20	266	172940	70.135	ng		99
70) Phenanthrene	11.42	178	932972	45.991	ng		99
71) Anthracene	11.47	178	967538	46.614	ng		99
72) Carbazole	11.63	167	920311	45.277	ng		99
73) Di-n-butylphthalate	11.95	149	1077159	44.027	ng		99
74) Fluoranthene	12.60	202	977965	47.608	ng		100
76) Benzidine	12.73	184	446039	40.436	ng		97
77) Pyrene	12.84	202	1004816	44.184	ng		100
79) Butylbenzylphthalate	13.45	149	467937	43.781	ng		92
80) Benzo(a)anthracene	14.02	228	841134	46.577	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	203258	30.703	ng		99
82) Chrysene	14.06	228	789968	45.947	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	620127	42.137	ng		99
84) Di-n-octyl phthalate	14.61	149	1025308	43.267	ng		96
85) Indeno(1,2,3-cd)pyrene	17.00	276	581723	42.297	ng		96
87) Benzo(b)fluoranthene	15.07	252	732766m	48.693	ng		
88) Benzo(k)fluoranthene	15.11	252	659829	44.393	ng		99
89) Benzo(a)pyrene	15.45	252	653157	47.284	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	482703	43.664	ng		96
91) Benzo(g,h,i)perylene	17.45	276	495562	45.350	ng		94

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

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