Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102773.D
Acq On : 6 Feb 2018 10:21
Operator : SJ/JU
Sample : PB106315BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 06 12:45:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB106315BS

Manual Integrations APPROVED
Sohil
2/7/2018 4:16:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	198355	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	843891	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	391081	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	697153	20.00	ng		0.00
75) Chrysene-d12	14.05	240	475396	20.00	ng		0.00
86) Perylene-d12	15.52	264	385704	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1469710	112.53	ng		0.02
7) Phenol-d6	6.52	99	1763928	112.16	ng		0.01
23) Nitrobenzene-d5	7.45	82	1115155	91.67	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	383534	121.84	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1859857	78.91	ng		0.00
78) Terphenyl-d14	12.99	244	1711163	85.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	231191	35.837	ng	#	86
3) Pyridine	3.52	79	656468	36.832	ng		87
4) n-Nitrosodimethylamine	3.46	42	323290	42.394	ng		96
6) Aniline	6.55	93	392696	16.909	ng		96
8) 2-Chlorophenol	6.67	128	543969	40.454	ng		95
9) Benzaldehyde	6.43	77	181950	15.579	ng		98
10) Phenol	6.53	94	685539	40.676	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	532055	37.938	ng		91
12) 1,3-Dichlorobenzene	6.82	146	571280	36.688	ng		98
13) 1,4-Dichlorobenzene	6.90	146	573825	36.994	ng		99
14) 1,2-Dichlorobenzene	7.05	146	527917	36.541	ng		100
15) Benzyl Alcohol	7.02	79	486347	40.224	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	977321	36.685	ng		96
17) 2-Methylphenol	7.13	107	484393	39.054	ng		98
18) Hexachloroethane	7.39	117	210828	39.637	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	375205	36.186	ng		95
20) 3+4-Methylphenols	7.29	107	563408	36.835	ng	#	72
22) Acetophenone	7.29	105	741607	35.912	ng	#	94
24) Nitrobenzene	7.46	77	589727	41.206	ng		99
25) Isophorone	7.70	82	1093563	39.039	ng		99
26) 2-Nitrophenol	7.78	139	311469	52.083	ng		97
27) 2,4-Dimethylphenol	7.82	122	523868	44.267	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	674412	40.642	ng		99
29) 2,4-Dichlorophenol	8.02	162	457783	42.552	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	449302	36.917	ng		99
31) Naphthalene	8.19	128	1546140	37.500	ng		99
32) Benzoic acid	7.94	122	402758	48.126	ng		95
33) 4-Chloroaniline	8.23	127	137581	7.746	ng		99
34) Hexachlorobutadiene	8.30	225	224968	36.073	ng		100
35) Caprolactam	8.62	113	166760m	44.634	ng		
36) 4-Chloro-3-methylphenol	8.72	107	508291	42.050	ng		97
37) 2-Methylnaphthalene	8.88	142	1039234	38.498	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	380072	35.693	ng		98
40) Hexachlorocyclopentadiene	9.03	237	440452	87.011	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	304403	43.522	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	327327	41.523	ng		96
45) 1,1'-Biphenyl	9.35	154	1198544	36.386	ng		99
46) 2-Chloronaphthalene	9.37	162	955775	36.856	ng		98
47) 2-Nitroaniline	9.46	65	349466	43.985	ng		90
48) Acenaphthylene	9.79	152	1463866	36.345	ng		100
49) Dimethylphthalate	9.65	163	1130171	37.063	ng		100
50) 2,6-Dinitrotoluene	9.70	165	259331	44.701	ng		95
51) Acenaphthene	9.96	154	991618	41.168	ng		98
52) 3-Nitroaniline	9.87	138	157538	22.069	ng		99
53) 2,4-Dinitrophenol	9.98	184	229892	100.102	ng	#	20
54) Dibenzofuran	10.13	168	1278641	37.668	ng		97
55) 4-Nitrophenol	10.04	139	480925	81.883	ng		95
56) 2,4-Dinitrotoluene	10.11	165	349211	45.082	ng		96
57) Fluorene	10.47	166	954758	38.658	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	248829	45.542	ng		98
59) Diethylphthalate	10.35	149	1109669	36.855	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	421719	38.599	ng		96
61) 4-Nitroaniline	10.49	138	283566	41.734	ng		91
62) Azobenzene	10.62	77	1097345	36.482	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	151857	51.147	ng		96
65) n-Nitrosodiphenylamine	10.58	169	901263	36.651	ng		98
66) 4-Bromophenyl-phenylether	10.95	248	270886	36.732	ng		95
67) Hexachlorobenzene	11.02	284	292782	35.988	ng		98
68) Atrazine	11.11	200	272960	37.626	ng		98
69) Pentachlorophenol	11.21	266	321509	67.322	ng		98
70) Phenanthrene	11.43	178	1401976	36.108	ng		99
71) Anthracene	11.49	178	1451365	36.752	ng		99
72) Carbazole	11.64	167	1353080	34.974	ng		99
73) Di-n-butylphthalate	11.97	149	1708963	36.364	ng		99
74) Fluoranthene	12.62	202	1432099	36.660	ng		99
76) Benzidine	12.74	184	227816	10.427	ng		98
77) Pyrene	12.85	202	1464844	39.295	ng		99
79) Butylbenzylphthalate	13.46	149	740467	41.664	ng		99
80) Benzo(a)anthracene	14.04	228	1157273	38.707	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	275512	24.853	ng		97
82) Chrysene	14.07	228	1103007	36.598	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	949824	41.593	ng		98
84) Di-n-octyl phthalate	14.63	149	1478649	43.123	ng		99
85) Indeno(1,2,3-cd)pyrene	17.02	276	1017190	40.694	ng		99
87) Benzo(b)fluoranthene	15.09	252	982155	39.276	ng		99
88) Benzo(k)fluoranthene	15.12	252	917463	38.398	ng		99
89) Benzo(a)pyrene	15.46	252	900248	39.995	ng		97
90) Dibenzo(a,h)anthracene	17.04	278	829856	45.422	ng		99
91) Benzo(g,h,i)perylene	17.47	276	890908	49.820	ng		98

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

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