Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100857.D
Acq On : 23 Nov 2017 7:08
Operator : SJ/JU
Sample : PB104490BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 27 05:37:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB104490BS

Manual Integrations APPROVED
Sohil
11/27/2017 3:21:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	74724	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	292432	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	133263	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	233936	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	141921	20.00	ng		-0.02
86) Perylene-d12	15.50	264	157699	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	394145	84.55	ng		0.00
7) Phenol-d6	6.49	99	481438	83.75	ng		-0.02
23) Nitrobenzene-d5	7.43	82	444926	100.59	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	130786	96.31	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	905171	103.43	ng		-0.02
78) Terphenyl-d14	12.97	244	607117	98.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	73826	32.498	ng		96
3) Pyridine	3.48	79	218173	35.202	ng		92
4) n-Nitrosodimethylamine	3.45	42	107814	35.829	ng		99
6) Aniline	6.53	93	156627	19.287	ng		97
8) 2-Chlorophenol	6.65	128	229875	46.614	ng		94
9) Benzaldehyde	6.41	77	55125	13.428	ng		95
10) Phenol	6.51	94	274418	45.475	ng		100
11) bis(2-Chloroethyl)ether	6.60	93	202805	40.011	ng		99
12) 1,3-Dichlorobenzene	6.80	146	253317	44.554	ng		98
13) 1,4-Dichlorobenzene	6.88	146	257878	44.813	ng		97
14) 1,2-Dichlorobenzene	7.03	146	240814	45.261	ng		95
15) Benzyl Alcohol	7.00	79	191935	42.783	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	345536	42.623	ng		99
17) 2-Methylphenol	7.12	107	193655	45.953	ng		98
18) Hexachloroethane	7.37	117	77859	41.036	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	154275	38.700	ng		95
20) 3+4-Methylphenols	7.27	107	233624	43.808	ng	#	78
22) Acetophenone	7.27	105	302920	42.480	ng	#	95
24) Nitrobenzene	7.45	77	226786	49.815	ng		97
25) Isophorone	7.69	82	415771	44.731	ng		97
26) 2-Nitrophenol	7.76	139	122025	56.140	ng	#	88
27) 2,4-Dimethylphenol	7.80	122	214505	51.480	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	263317	43.309	ng		99
29) 2,4-Dichlorophenol	8.00	162	203647	51.196	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	206673	48.033	ng		93
31) Naphthalene	8.17	128	649496	46.112	ng		99
32) Benzoic acid	7.92	122	135034	43.429	ng		98
33) 4-Chloroaniline	8.21	127	66364	11.319	ng		96
34) Hexachlorobutadiene	8.28	225	121866	47.636	ng		100
35) Caprolactam	8.60	113	61156m	44.800	ng		
36) 4-Chloro-3-methylphenol	8.70	107	197038m	46.122	ng		
37) 2-Methylnaphthalene	8.86	142	451803	48.315	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	212934	48.179	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	83046	39.924	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	150534	53.741	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	153112	52.758	ng		92
45) 1,1'-Biphenyl	9.32	154	541370	46.970	ng		98
46) 2-Chloronaphthalene	9.35	162	415672	49.712	ng		95
47) 2-Nitroaniline	9.45	65	122445	49.468	ng		99
48) Acenaphthylene	9.76	152	643524	46.440	ng		100
49) Dimethylphthalate	9.62	163	497002	48.846	ng		100
50) 2,6-Dinitrotoluene	9.69	165	110040	54.636	ng		92
51) Acenaphthene	9.93	154	379440	45.023	ng		99
52) 3-Nitroaniline	9.85	138	62705	26.366	ng		96
53) 2,4-Dinitrophenol	9.96	184	47658	61.426	ng	#	15
54) Dibenzofuran	10.11	168	559829	47.395	ng		97
55) 4-Nitrophenol	10.02	139	145964	75.585	ng		92
56) 2,4-Dinitrotoluene	10.09	165	138351	54.452	ng	#	94
57) Fluorene	10.45	166	434516	50.216	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	116700	49.064	ng	#	86
59) Diethylphthalate	10.32	149	476587	46.806	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	212256	50.003	ng		91
61) 4-Nitroaniline	10.47	138	95096	42.169	ng		87
62) Azobenzene	10.60	77	409243	42.674	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	35107	32.985	ng		86
65) n-Nitrosodiphenylamine	10.56	169	404378	49.713	ng		97
66) 4-Bromophenyl-phenylether	10.93	248	134718	53.720	ng		89
67) Hexachlorobenzene	11.00	284	138647	52.862	ng	#	85
68) Atrazine	11.09	200	124802	50.686	ng		98
69) Pentachlorophenol	11.19	266	125839	66.910	ng		97
70) Phenanthrene	11.42	178	597241	48.489	ng		98
71) Anthracene	11.46	178	611368	48.924	ng		99
72) Carbazole	11.62	167	505004	43.798	ng		99
73) Di-n-butylphthalate	11.94	149	684149	50.703	ng		99
74) Fluoranthene	12.60	202	522390	40.018	ng		97
76) Benzidine	12.72	184	192242	33.824	ng		98
77) Pyrene	12.83	202	511384	50.549	ng		99
79) Butylbenzylphthalate	13.44	149	206707	50.102	ng		93
80) Benzo(a)anthracene	14.02	228	429903	50.302	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	129035	42.140	ng	#	98
82) Chrysene	14.05	228	405403	48.985	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	261339	48.161	ng		99
84) Di-n-octyl phthalate	14.61	149	437453	46.927	ng		99
85) Indeno(1,2,3-cd)pyrene	16.98	276	419863	62.721	ng		94
87) Benzo(b)fluoranthene	15.07	252	432602	46.303	ng		98
88) Benzo(k)fluoranthene	15.10	252	424420	48.079	ng		98
89) Benzo(a)pyrene	15.44	252	420878	50.814	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	353470	52.183	ng	#	93
91) Benzo(g,h,i)perylene	17.43	276	334666	50.472	ng	#	93

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

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