Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094004.D
Acq On : 28 Mar 2017 20:35
Operator : SJ/MA
Sample : PB97860BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97860BSD

Manual Integrations APPROVED
mohammad
3/29/2017 1:56:55 PM

Quant Time: Mar 29 03:54:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	163597	20.00	ng		-0.02
21) Naphthalene-d8	7.43	136	668972	20.00	ng		-0.02
38) Acenaphthene-d10	9.57	164	317422	20.00	ng		-0.02
63) Phenanthrene-d10	11.40	188	550454	20.00	ng		-0.02
75) Chrysene-d12	14.65	240	370250	20.00	ng		-0.03
86) Perylene-d12	16.27	264	275193	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	792398	81.81	ng		0.00
7) Phenol-d6	5.53	99	985109	82.21	ng		-0.02
23) Nitrobenzene-d5	6.58	82	889456	75.88	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	223019	88.91	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	1691609	81.28	ng		-0.02
78) Terphenyl-d14	13.37	244	1326011	80.28	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	146574	31.50	ng		97
3) Pyridine	2.83	79	429640	33.88	ng		99
4) n-Nitrosodimethylamine	2.79	42	191848	36.76	ng		88
6) Aniline	5.55	93	282102	16.92	ng	#	10
8) 2-Chlorophenol	5.69	128	435452	40.90	ng		97
9) Benzaldehyde	5.42	77	86306	10.67	ng		97
10) Phenol	5.55	94	515538	37.81	ng		94
11) bis(2-Chloroethyl)ether	5.63	93	402472	37.77	ng		98
12) 1,3-Dichlorobenzene	5.86	146	453116	37.94	ng		99
13) 1,4-Dichlorobenzene	5.95	146	459301	37.97	ng		95
14) 1,2-Dichlorobenzene	6.12	146	429517	38.56	ng		98
15) Benzyl Alcohol	6.10	79	350557	39.97	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.26	45	561273	34.18	ng		97
17) 2-Methylphenol	6.24	107	365060	40.04	ng		97
18) Hexachloroethane	6.52	117	161350	37.95	ng	#	83
19) n-Nitroso-di-n-propylamine	6.42	70	291888	37.90	ng		98
20) 3+4-Methylphenols	6.42	107	455370	41.24	ng	#	63
22) Acetophenone	6.40	105	602140	40.39	ng	#	88
24) Nitrobenzene	6.60	77	437146	37.81	ng		95
25) Isophorone	6.89	82	803258	39.00	ng		95
26) 2-Nitrophenol	6.97	139	244521	44.35	ng		97
27) 2,4-Dimethylphenol	7.05	122	396035	41.69	ng		97
28) bis(2-Chloroethoxy)methane	7.15	93	516690	38.04	ng		99
29) 2,4-Dichlorophenol	7.27	162	379469	42.72	ng		99
30) 1,2,4-Trichlorobenzene	7.37	180	368741	40.31	ng		97
31) Naphthalene	7.46	128	1237856	38.48	ng		100
32) Benzoic acid	7.20	122	285845	45.20	ng		91
33) 4-Chloroaniline	7.52	127	126727	9.72	ng	#	93
34) Hexachlorobutadiene	7.62	225	183106	39.03	ng		98
35) Caprolactam	7.97	113	125670m	44.37	ng		
36) 4-Chloro-3-methylphenol	8.15	107	403771	43.50	ng		90
37) 2-Methylnaphthalene	8.30	142	870118	40.58	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	320323	36.89	ng		99
40) Hexachlorocyclopentadiene	8.50	237	337764	83.12	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	265445	43.21	ng		99
43) 2,4,5-Trichlorophenol	8.71	196	266607	40.11	ng		93
45) 1,1'-Biphenyl	8.87	154	992694	38.77	ng		97
46) 2-Chloronaphthalene	8.90	162	776634	38.75	ng		95
47) 2-Nitroaniline	9.02	65	232677	39.14	ng		89
48) Acenaphthylene	9.40	152	1252182	37.59	ng		99
49) Dimethylphthalate	9.27	163	943428	41.81	ng		100
50) 2,6-Dinitrotoluene	9.33	165	213961	41.37	ng	#	86
51) Acenaphthene	9.62	154	740076	38.08	ng		100
52) 3-Nitroaniline	9.53	138	108252	17.82	ng		94
53) 2,4-Dinitrophenol	9.66	184	225192	81.28	ng	#	75
54) Dibenzofuran	9.83	168	1086200	41.05	ng		99
55) 4-Nitrophenol	9.77	139	336698	70.79	ng	#	67
56) 2,4-Dinitrotoluene	9.83	165	263492	40.55	ng	#	76
57) Fluorene	10.25	166	806836	36.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	199889	43.82	ng		98
59) Diethylphthalate	10.13	149	927529	41.59	ng		100
60) 4-Chlorophenyl-phenylether	10.26	204	357142	38.21	ng		92
61) 4-Nitroaniline	10.29	138	217149	37.26	ng		98
62) Azobenzene	10.45	77	880048	41.72	ng		97
64) 4,6-Dinitro-2-methylphenol	10.33	198	142708	42.33	ng	#	69
65) n-Nitrosodiphenylamine	10.41	169	764700	40.17	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	219992	40.64	ng		97
67) Hexachlorobenzene	10.93	284	225845	41.21	ng	#	87
68) Atrazine	11.08	200	212750	37.31	ng		98
69) Pentachlorophenol	11.17	266	234696	68.80	ng		99
70) Phenanthrene	11.43	178	1188485	38.81	ng		99
71) Anthracene	11.50	178	1229245	38.99	ng		99
72) Carbazole	11.70	167	1105316	34.19	ng		98
73) Di-n-butylphthalate	12.15	149	1411286	41.98	ng		99
74) Fluoranthene	12.89	202	1161062	37.03	ng		99
76) Benzidine	13.06	184	138133	9.43	ng	#	93
77) Pyrene	13.17	202	1152534	42.89	ng		100
79) Butylbenzylphthalate	13.99	149	561847	49.07	ng		89
80) Benzo(a)anthracene	14.64	228	869034	40.25	ng		99
81) 3,3'-Dichlorobenzidine	14.61	252	165306	21.42	ng	#	97
82) Chrysene	14.68	228	762392	38.05	ng		99
83) Bis(2-ethylhexyl)phthalate	14.70	149	767500	49.14	ng	#	99
84) Di-n-octyl phthalate	15.45	149	1235482	47.35	ng		98
85) Indeno(1,2,3-cd)pyrene	17.64	276	654271	37.71	ng		100
87) Benzo(b)fluoranthene	15.87	252	716311	42.46	ng		97
88) Benzo(k)fluoranthene	15.90	252	644575m	39.05	ng		
89) Benzo(a)pyrene	16.22	252	641758	41.31	ng		99
90) Dibenzo(a,h)anthracene	17.66	278	543951	41.35	ng		97
91) Benzo(g,h,i)perylene	18.04	276	527287	39.77	ng		97

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

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