Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
Data File : BF094840.D
Acq On : 3 May 2017 18:27
Operator : SJ/MA
Sample : PB98646BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98646BS

Manual Integrations APPROVED
mohammad
5/4/2017 3:34:39 PM

Quant Time: May 04 01:40:46 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	105121	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	421631	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	191624	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	352348	20.00	ng		0.00
75) Chrysene-d12	18.65	240	274190	20.00	ng		0.00
86) Perylene-d12	20.30	264	199494	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	843436	133.77	ng		0.02
7) Phenol-d6	7.28	99	1015476	134.23	ng		0.00
23) Nitrobenzene-d5	8.63	82	613596	91.77	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	225216	143.51	ng		0.00
44) 2-Fluorobiphenyl	11.52	172	1159063	87.06	ng		0.00
78) Terphenyl-d14	17.31	244	1059383	85.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	101346	32.77	ng		98
3) Pyridine	2.85	79	271058	37.82	ng		99
4) n-Nitrosodimethylamine	2.78	42	124193	41.57	ng		86
6) Aniline	7.24	93	267521	28.01	ng		94
8) 2-Chlorophenol	7.42	128	316815	44.15	ng		95
9) Benzaldehyde	7.05	77	43186	9.35	ng		98
10) Phenol	7.30	94	359887	45.14	ng		89
11) bis(2-Chloroethyl)ether	7.37	93	283490	43.07	ng		94
12) 1,3-Dichlorobenzene	7.64	146	341757	41.98	ng		98
13) 1,4-Dichlorobenzene	7.76	146	340637	41.26	ng		98
14) 1,2-Dichlorobenzene	8.00	146	317012	41.14	ng		94
15) Benzyl Alcohol	8.01	79	247141	50.79	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	368281	39.54	ng	#	38
17) 2-Methylphenol	8.22	107	252598	43.01	ng	#	90
18) Hexachloroethane	8.51	117	119157	42.61	ng	#	85
19) n-Nitroso-di-n-propylamine	8.44	70	225809	44.13	ng		96
20) 3+4-Methylphenols	8.48	107	356823	44.71	ng	#	60
22) Acetophenone	8.40	105	437604	43.26	ng	#	84
24) Nitrobenzene	8.66	77	311734	44.48	ng		93
25) Isophorone	9.05	82	557501	46.69	ng		96
26) 2-Nitrophenol	9.16	139	164305	43.45	ng		98
27) 2,4-Dimethylphenol	9.30	122	275217	45.01	ng		97
28) bis(2-Chloroethoxy)methane	9.42	93	356097	43.11	ng		100
29) 2,4-Dichlorophenol	9.58	162	280368	48.56	ng		97
30) 1,2,4-Trichlorobenzene	9.67	180	271296	43.86	ng		98
31) Naphthalene	9.78	128	852311	40.22	ng		99
32) Benzoic acid	9.59	122	137073	35.61	ng		96
33) 4-Chloroaniline	9.92	127	74908	9.49	ng	#	91
34) Hexachlorobutadiene	10.00	225	134981	41.36	ng		98
35) Caprolactam	10.55	113	83680m	48.27	ng		
36) 4-Chloro-3-methylphenol	10.78	107	262190	42.48	ng		90
37) 2-Methylnaphthalene	10.91	142	579484	41.67	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	226576	38.45	ng		100
40) Hexachlorocyclopentadiene	11.17	237	203790	82.09	ng		98

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	172386	43.81	ng		98
43) 2,4,5-Trichlorophenol	11.48	196	183100	43.30	ng	#	91
45) 1,1'-Biphenyl	11.68	154	687412	42.61	ng		98
46) 2-Chloronaphthalene	11.69	162	555340	42.63	ng		96
47) 2-Nitroaniline	11.90	65	156356	43.85	ng	#	83
48) Acenaphthylene	12.35	152	885739	43.41	ng		99
49) Dimethylphthalate	12.22	163	699380	44.46	ng		99
50) 2,6-Dinitrotoluene	12.31	165	145304	45.27	ng		95
51) Acenaphthene	12.63	154	534403	43.85	ng		99
52) 3-Nitroaniline	12.57	138	69289	20.12	ng	#	90
53) 2,4-Dinitrophenol	12.77	184	125128	71.51	ng	#	71
54) Dibenzofuran	12.92	168	820101	48.63	ng		98
55) 4-Nitrophenol	12.95	139	200456	96.89	ng	#	78
56) 2,4-Dinitrotoluene	12.97	165	204768	49.65	ng	#	86
57) Fluorene	13.47	166	628202	42.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	128844	48.41	ng	#	95
59) Diethylphthalate	13.37	149	616119	40.86	ng		100
60) 4-Chlorophenyl-phenylether	13.50	204	280098	43.46	ng		89
61) 4-Nitroaniline	13.58	138	143846	45.49	ng		96
62) Azobenzene	13.76	77	609772	50.33	ng		93
64) 4,6-Dinitro-2-methylphenol	13.63	198	96044	40.66	ng	#	71
65) n-Nitrosodiphenylamine	13.71	169	563408	44.06	ng		100
66) 4-Bromophenyl-phenylether	14.28	248	162845	43.75	ng		98
67) Hexachlorobenzene	14.37	284	164906	43.23	ng	#	89
68) Atrazine	14.62	200	157307	43.57	ng		97
69) Pentachlorophenol	14.71	266	140193	81.18	ng		97
70) Phenanthrene	15.02	178	911763	45.04	ng		98
71) Anthracene	15.10	178	932962	45.11	ng		98
72) Carbazole	15.38	167	864361	45.94	ng		98
73) Di-n-butylphthalate	15.95	149	968691	41.28	ng		99
74) Fluoranthene	16.75	202	925452	44.56	ng		98
76) Benzidine	16.97	184	214899	31.59	ng	#	93
77) Pyrene	17.06	202	952606	46.45	ng		99
79) Butylbenzylphthalate	17.97	149	434293	45.53	ng		90
80) Benzo(a)anthracene	18.63	228	735615	46.10	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	149785	27.18	ng	#	96
82) Chrysene	18.68	228	688629	44.63	ng		98
83) Bis(2-ethylhexyl)phthalate	18.71	149	612149	45.04	ng	#	99
84) Di-n-octyl phthalate	19.48	149	1006371	45.17	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	562801	44.91	ng		99
87) Benzo(b)fluoranthene	19.90	252	567763	46.06	ng		99
88) Benzo(k)fluoranthene	19.93	252	569673	47.91	ng		96
89) Benzo(a)pyrene	20.25	252	530053	46.60	ng		99
90) Dibenzo(a,h)anthracene	21.61	278	467198	49.73	ng		99
91) Benzo(g,h,i)perylene	21.97	276	464877	50.43	ng		98

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

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