Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
Data File : BF093569.D
Acq On : 11 Mar 2017 16:09
Operator : SJ/MA
Sample : PB97524BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97524BS

Manual Integrations APPROVED
mohammad
3/15/2017 5:31:57 PM

Quant Time: Mar 13 15:41:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	171846	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	711586	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	342982	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	609821	20.00	ng		-0.01
75) Chrysene-d12	13.88	240	453024	20.00	ng		-0.01
86) Perylene-d12	15.27	264	340583	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1459083	141.31	ng		0.01
7) Phenol-d6	6.39	99	1803552	138.52	ng		0.01
23) Nitrobenzene-d5	7.29	82	1167421	91.03	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	289534	129.57	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1828720	99.17	ng		0.00
78) Terphenyl-d14	12.83	244	1528602	87.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	218251	38.38	ng	#	81
3) Pyridine	2.95	79	638098m	44.01	ng		
4) n-Nitrosodimethylamine	2.93	42	309831	44.74	ng		81
6) Aniline	6.39	93	400688	22.42	ng	#	83
8) 2-Chlorophenol	6.52	128	536577	46.38	ng		95
9) Benzaldehyde	6.29	77	75452	6.77	ng		92
10) Phenol	6.40	94	762461	47.79	ng	#	76
11) bis(2-Chloroethyl)ether	6.46	93	560759	43.49	ng		88
12) 1,3-Dichlorobenzene	6.65	146	572570m	43.24	ng		
13) 1,4-Dichlorobenzene	6.73	146	601553	44.37	ng		98
14) 1,2-Dichlorobenzene	6.89	146	515087	42.90	ng		95
15) Benzyl Alcohol	6.88	79	454091	48.92	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	909836	42.47	ng	#	41
17) 2-Methylphenol	7.01	107	442974	45.27	ng	#	91
18) Hexachloroethane	7.22	117	211265	46.21	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	398204	44.48	ng		92
20) 3+4-Methylphenols	7.17	107	631356	49.75	ng	#	75
22) Acetophenone	7.14	105	768711	44.89	ng	#	96
24) Nitrobenzene	7.32	77	659445	45.75	ng		99
25) Isophorone	7.56	82	1194174	46.17	ng		96
26) 2-Nitrophenol	7.64	139	297134	45.18	ng		94
27) 2,4-Dimethylphenol	7.68	122	481370	45.00	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	698595	42.79	ng		97
29) 2,4-Dichlorophenol	7.89	162	457135	45.42	ng		93
30) 1,2,4-Trichlorobenzene	7.96	180	463001	43.26	ng		98
31) Naphthalene	8.02	128	1469348	41.20	ng		99
32) Benzoic acid	7.85	122	311920	56.11	ng		94
33) 4-Chloroaniline	8.09	127	270937	18.72	ng	#	91
34) Hexachlorobutadiene	8.14	225	238467	43.25	ng		100
35) Caprolactam	8.47	113	161493m	46.98	ng		
36) 4-Chloro-3-methylphenol	8.60	107	488873	45.51	ng		95
37) 2-Methylnaphthalene	8.72	142	1029605	45.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	418877	44.73	ng		98
40) Hexachlorocyclopentadiene	8.87	237	261766	106.12	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	303518	51.87	ng		92
43) 2,4,5-Trichlorophenol	9.06	196	299340	47.68	ng	#	89
45) 1,1'-Biphenyl	9.18	154	1139662	45.61	ng		96
46) 2-Chloronaphthalene	9.20	162	922025	48.21	ng		93
47) 2-Nitroaniline	9.32	65	357847	52.93	ng	#	84
48) Acenaphthylene	9.61	152	1432688	45.42	ng		99
49) Dimethylphthalate	9.49	163	1083526	47.65	ng		99
50) 2,6-Dinitrotoluene	9.57	165	245654	49.24	ng	#	86
51) Acenaphthene	9.78	154	831239	44.57	ng		95
52) 3-Nitroaniline	9.74	138	151087	25.21	ng		90
53) 2,4-Dinitrophenol	9.86	184	165094	72.66	ng	#	75
54) Dibenzofuran	9.97	168	1303076	55.82	ng		95
55) 4-Nitrophenol	9.93	139	279400m	95.97	ng		
56) 2,4-Dinitrotoluene	9.98	165	323818	52.83	ng	#	76
57) Fluorene	10.31	166	957030	48.38	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	247917	55.95	ng		99
59) Diethylphthalate	10.18	149	997010	45.88	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	463191	52.24	ng	#	79
61) 4-Nitroaniline	10.36	138	250655	40.89	ng		98
62) Azobenzene	10.46	77	1447870	58.63	ng		95
64) 4,6-Dinitro-2-methylphenol	10.39	198	157536	39.87	ng	#	69
65) n-Nitrosodiphenylamine	10.42	169	913219	44.85	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	261251	40.51	ng	#	88
67) Hexachlorobenzene	10.86	284	253086	41.10	ng	#	91
68) Atrazine	10.95	200	249668	41.89	ng		98
69) Pentachlorophenol	11.06	266	160981	75.72	ng		97
70) Phenanthrene	11.27	178	1464816	42.08	ng		98
71) Anthracene	11.32	178	1405885	39.93	ng		99
72) Carbazole	11.48	167	1333537	40.31	ng		99
73) Di-n-butylphthalate	11.81	149	1725849	45.10	ng	#	96
74) Fluoranthene	12.45	202	1394190	41.47	ng		97
76) Benzidine	12.59	184	386518	25.95	ng		96
77) Pyrene	12.68	202	1358505	41.23	ng		100
79) Butylbenzylphthalate	13.29	149	683477	49.28	ng		100
80) Benzo(a)anthracene	13.87	228	1139962	42.61	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	260933	27.85	ng	#	98
82) Chrysene	13.91	228	1131835	45.73	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	962674	49.80	ng	#	96
84) Di-n-octyl phthalate	14.46	149	1472361	45.70	ng		97
85) Indeno(1,2,3-cd)pyrene	16.62	276	833662	40.24	ng	#	94
87) Benzo(b)fluoranthene	14.88	252	1256025m	60.55	ng		
88) Benzo(k)fluoranthene	14.92	252	581129m	29.05	ng		
89) Benzo(a)pyrene	15.23	252	865451	45.65	ng		97
90) Dibenzo(a,h)anthracene	16.62	278	695889	44.37	ng		97
91) Benzo(g,h,i)perylene	17.02	276	727104	45.17	ng	#	93

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

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