Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094023.D
Acq On : 29 Mar 2017 17:27
Operator : SJ/MA
Sample : PB97900BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Manual Integrations APPROVED
mohammad
3/30/2017 2:31:31 PM

Quant Time: Mar 30 03:43:16 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	5.92	152	149144	20.00	ng		-0.03
21) Naphthalene-d8	7.43	136	602786	20.00	ng		-0.03
38) Acenaphthene-d10	9.57	164	274475	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	491703	20.00	ng		-0.03
75) Chrysene-d12	14.64	240	402953	20.00	ng		-0.04
86) Perylene-d12	16.27	264	298471	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.46	112	1141390	129.26	ng		-0.02
7) Phenol-d6	5.53	99	1440870	131.90	ng		-0.02
23) Nitrobenzene-d5	6.57	82	877750	83.10	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	320544	147.79	ng		-0.03
44) 2-Fluorobiphenyl	8.75	172	1626551	90.39	ng		-0.03
78) Terphenyl-d14	13.37	244	1414640	78.69	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	141930	33.46	ng		98
3) Pyridine	2.80	79	415181	35.91	ng		98
4) n-Nitrosodimethylamine	2.76	42	202812	42.63	ng		90
6) Aniline	5.55	93	455090	29.95	ng	#	59
8) 2-Chlorophenol	5.69	128	447719	46.13	ng		96
9) Benzaldehyde	5.41	77	85671	11.61	ng		99
10) Phenol	5.54	94	534953	43.03	ng		89
11) bis(2-Chloroethyl)ether	5.63	93	418239	43.05	ng		98
12) 1,3-Dichlorobenzene	5.86	146	475387	43.66	ng		99
13) 1,4-Dichlorobenzene	5.94	146	479296	43.47	ng		95
14) 1,2-Dichlorobenzene	6.12	146	446105	43.93	ng		97
15) Benzyl Alcohol	6.09	79	372017	46.53	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.25	45	595229	39.76	ng		97
17) 2-Methylphenol	6.23	107	378455	45.53	ng		97
18) Hexachloroethane	6.51	117	168316	43.43	ng	#	85
19) n-Nitroso-di-n-propylamine	6.41	70	303972	43.30	ng		95
20) 3+4-Methylphenols	6.41	107	467801	46.47	ng	#	64
22) Acetophenone	6.39	105	621217	46.24	ng	#	88
24) Nitrobenzene	6.59	77	457921	43.96	ng		95
25) Isophorone	6.89	82	833262	44.90	ng		95
26) 2-Nitrophenol	6.97	139	251771	50.68	ng		97
27) 2,4-Dimethylphenol	7.03	122	413857	48.35	ng		99
28) bis(2-Chloroethoxy)methane	7.15	93	534250	43.65	ng		99
29) 2,4-Dichlorophenol	7.26	162	387286	48.39	ng		98
30) 1,2,4-Trichlorobenzene	7.36	180	376368	45.66	ng		99
31) Naphthalene	7.45	128	1270075	43.82	ng		99
32) Benzoic acid	7.19	122	263102	46.17	ng		96
33) 4-Chloroaniline	7.52	127	256617	21.85	ng	#	94
34) Hexachlorobutadiene	7.61	225	188758	44.65	ng		98
35) Caprolactam	7.96	113	130383m	51.08	ng		
36) 4-Chloro-3-methylphenol	8.13	107	414392	49.55	ng		89
37) 2-Methylnaphthalene	8.29	142	886402	45.88	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	322334	42.93	ng		99
40) Hexachlorocyclopentadiene	8.49	237	341843	97.29	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	270127	50.85	ng		100
43) 2,4,5-Trichlorophenol	8.70	196	275608	47.95	ng		94
45) 1,1'-Biphenyl	8.87	154	1001762	45.25	ng		98
46) 2-Chloronaphthalene	8.89	162	794776	45.86	ng		96
47) 2-Nitroaniline	9.02	65	243699	47.40	ng	#	87
48) Acenaphthylene	9.40	152	1270123	44.10	ng		99
49) Dimethylphthalate	9.26	163	930684	47.70	ng		99
50) 2,6-Dinitrotoluene	9.32	165	216195	48.34	ng	#	90
51) Acenaphthene	9.61	154	748953	44.56	ng		100
52) 3-Nitroaniline	9.52	138	146391	27.87	ng		88
53) 2,4-Dinitrophenol	9.66	184	214526	89.07	ng	#	70
54) Dibenzofuran	9.83	168	1087195	47.52	ng		98
55) 4-Nitrophenol	9.76	139	373238	90.75	ng	#	68
56) 2,4-Dinitrotoluene	9.82	165	273166	48.62	ng	#	74
57) Fluorene	10.25	166	821247	43.29	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	206545	52.37	ng		97
59) Diethylphthalate	10.13	149	922287	47.83	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	352171	43.57	ng		92
61) 4-Nitroaniline	10.28	138	244213	48.46	ng		95
62) Azobenzene	10.45	77	899697	49.32	ng		97
64) 4,6-Dinitro-2-methylphenol	10.32	198	147357	48.93	ng	#	66
65) n-Nitrosodiphenylamine	10.40	169	789907	46.45	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	223656	46.25	ng		97
67) Hexachlorobenzene	10.92	284	232469	47.49	ng	#	90
68) Atrazine	11.07	200	240087	47.14	ng		96
69) Pentachlorophenol	11.17	266	246354	80.85	ng		97
70) Phenanthrene	11.42	178	1234991	45.15	ng		99
71) Anthracene	11.49	178	1300438	46.18	ng		98
72) Carbazole	11.69	167	1223010	42.35	ng		98
73) Di-n-butylphthalate	12.14	149	1450598	48.30	ng		99
74) Fluoranthene	12.89	202	1293927	46.20	ng		99
76) Benzidine	13.05	184	510089	31.98	ng	#	93
77) Pyrene	13.16	202	1316752	45.03	ng		99
79) Butylbenzylphthalate	13.98	149	631364	50.67	ng		88
80) Benzo(a)anthracene	14.63	228	1099214	46.78	ng		99
81) 3,3'-Dichlorobenzidine	14.60	252	233532	27.81	ng	#	97
82) Chrysene	14.68	228	934592	42.86	ng		100
83) Bis(2-ethylhexyl)phthalate	14.69	149	845480	49.74	ng		100
84) Di-n-octyl phthalate	15.45	149	1400631	49.32	ng		98
85) Indeno(1,2,3-cd)pyrene	17.63	276	736860	39.02	ng		100
87) Benzo(b)fluoranthene	15.87	252	891197	48.71	ng		99
88) Benzo(k)fluoranthene	15.90	252	830817	46.41	ng	#	95
89) Benzo(a)pyrene	16.22	252	790767	46.94	ng		98
90) Dibenzo(a,h)anthracene	17.66	278	606485	42.51	ng		98
91) Benzo(g,h,i)perylene	18.04	276	619086	43.05	ng		97

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

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