Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096406.D
Acq On : 2 Jul 2017 10:30
Operator : SJ/MA
Sample : PB100306BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB100306BS

Manual Integrations APPROVED
mohammad
7/3/2017 4:07:20 PM

Quant Time: Jul 03 05:01:11 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	156280	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	664015	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	298213	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	484506	20.00	ng		0.00
75) Chrysene-d12	13.88	240	273872	20.00	ng		0.00
86) Perylene-d12	15.29	264	235512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1198291	113.17	ng		0.02
7) Phenol-d6	6.38	99	1563311	120.10	ng		0.00
23) Nitrobenzene-d5	7.30	82	943693	85.40	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	285113	122.40	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1474179	84.52	ng		0.00
78) Terphenyl-d14	12.83	244	1097157	85.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	148140	29.506	ng	#	75
3) Pyridine	3.21	79	434606	31.549	ng	#	63
4) n-Nitrosodimethylamine	3.15	42	255367	37.557	ng	#	86
6) Aniline	6.40	93	485431	28.853	ng	#	34
8) 2-Chlorophenol	6.53	128	468969	41.534	ng		98
9) Benzaldehyde	6.28	77	198704	24.391	ng		98
10) Phenol	6.39	94	577918	38.971	ng		86
11) bis(2-Chloroethyl)ether	6.47	93	480648	41.941	ng		92
12) 1,3-Dichlorobenzene	6.68	146	492237	41.577	ng		98
13) 1,4-Dichlorobenzene	6.75	146	503855	42.579	ng		93
14) 1,2-Dichlorobenzene	6.91	146	458150	42.167	ng		96
15) Benzyl Alcohol	6.88	79	398365	45.782	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1031518	44.275	ng		91
17) 2-Methylphenol	7.00	107	405094	45.018	ng		98
18) Hexachloroethane	7.25	117	185631	43.270	ng	#	82
19) n-Nitroso-di-n-propylamine	7.16	70	317519	40.945	ng	#	83
20) 3+4-Methylphenols	7.15	107	449206	44.756	ng		92
22) Acetophenone	7.15	105	618029	42.597	ng	#	93
24) Nitrobenzene	7.32	77	493257	42.550	ng		96
25) Isophorone	7.56	82	920114	42.945	ng		95
26) 2-Nitrophenol	7.63	139	273975	44.652	ng	#	89
27) 2,4-Dimethylphenol	7.68	122	459054	43.939	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	614159	43.424	ng		99
29) 2,4-Dichlorophenol	7.88	162	405336	44.968	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	372361	43.792	ng		97
31) Naphthalene	8.04	128	1374208	43.838	ng		100
32) Benzoic acid	7.81	122	322472	36.752	ng		91
33) 4-Chloroaniline	8.09	127	275036	21.123	ng		97
34) Hexachlorobutadiene	8.16	225	187586	43.013	ng		97
35) Caprolactam	8.46	113	138015m	44.402	ng		
36) 4-Chloro-3-methylphenol	8.58	107	421678	42.278	ng		91
37) 2-Methylnaphthalene	8.73	142	851701	42.682	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	276346	35.689	ng		98
40) Hexachlorocyclopentadiene	8.89	237	351622	93.393	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	236298	38.576	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	245671	40.563	ng		94
45) 1,1'-Biphenyl	9.20	154	998566	39.081	ng		97
46) 2-Chloronaphthalene	9.22	162	782259	41.081	ng		95
47) 2-Nitroaniline	9.31	65	293531	42.365	ng		96
48) Acenaphthylene	9.63	152	1288618	42.708	ng		99
49) Dimethylphthalate	9.50	163	938028	42.136	ng		99
50) 2,6-Dinitrotoluene	9.56	165	217552	44.192	ng	#	87
51) Acenaphthene	9.80	154	727366	39.109	ng		99
52) 3-Nitroaniline	9.72	138	170184	27.717	ng	#	89
53) 2,4-Dinitrophenol	9.83	184	192417	73.590	ng	#	71
54) Dibenzofuran	9.98	168	1017916	41.454	ng		98
55) 4-Nitrophenol	9.89	139	362153	71.160	ng	#	66
56) 2,4-Dinitrotoluene	9.96	165	263722	42.303	ng	#	90
57) Fluorene	10.32	166	762157	43.948	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	197291	47.083	ng		99
59) Diethylphthalate	10.20	149	898100	42.681	ng		99
60) 4-Chlorophenyl-phenylether	10.31	204	322083	42.685	ng		98
61) 4-Nitroaniline	10.34	138	239158	42.836	ng		88
62) Azobenzene	10.47	77	907167	44.586	ng		92
64) 4,6-Dinitro-2-methylphenol	10.37	198	142793	42.734	ng		92
65) n-Nitrosodiphenylamine	10.43	169	747936	43.997	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	201156	42.650	ng		96
67) Hexachlorobenzene	10.87	284	210122	40.697	ng	#	90
68) Atrazine	10.96	200	204634	42.135	ng		94
69) Pentachlorophenol	11.06	266	220154	71.946	ng		99
70) Phenanthrene	11.28	178	1133406	43.274	ng		99
71) Anthracene	11.33	178	1173811	43.980	ng		99
72) Carbazole	11.48	167	1115163	41.546	ng		99
73) Di-n-butylphthalate	11.82	149	1363464	41.939	ng		98
74) Fluoranthene	12.46	202	1076875	41.936	ng		99
76) Benzidine	12.57	184	337447	25.679	ng	#	92
77) Pyrene	12.69	202	1108052	50.405	ng		100
79) Butylbenzylphthalate	13.31	149	549000	49.335	ng	#	81
80) Benzo(a)anthracene	13.87	228	738494	46.565	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	193482	29.703	ng	#	97
82) Chrysene	13.91	228	721044	43.415	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	611723	49.247	ng		100
84) Di-n-octyl phthalate	14.48	149	1013624	41.438	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.67	276	664039	50.653	ng		96
87) Benzo(b)fluoranthene	14.89	252	646879	43.835	ng		98
88) Benzo(k)fluoranthene	14.92	252	561140m	42.509	ng		
89) Benzo(a)pyrene	15.23	252	597912	45.382	ng		97
90) Dibenzo(a,h)anthracene	16.68	278	536528	51.764	ng	#	95
91) Benzo(g,h,i)perylene	17.08	276	573712	53.417	ng		97

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

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