Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085807.D
Acq On : 28 Mar 2016 17:54
Operator : UM/SJ
Sample : PB89249BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89249BS

Manual Integrations APPROVED
Sohil
3/29/2016 7:53:44 PM

Quant Time: Mar 29 15:48:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	105214	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	429659	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	183291	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	344772	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	215386	20.00	ng		0.00
86) Perylene-d12	15.40	264	177799	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	732869	116.01	ng		0.01
7) Phenol-d6	6.46	99	946093	117.79	ng		0.00
23) Nitrobenzene-d5	7.38	82	595589	78.06	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	259325	148.91	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1006047	91.70	ng		-0.01
78) Terphenyl-d14	12.93	244	1000156	95.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	105832	35.08	ng		98
3) Pyridine	3.17	79	300498	41.55	ng		99
4) n-Nitrosodimethylamine	3.12	42	117062	40.43	ng		99
6) Aniline	6.48	93	213636	19.76	ng		99
8) 2-Chlorophenol	6.61	128	288059	39.24	ng		91
9) Benzaldehyde	6.37	77	37924	7.84	ng		92
10) Phenol	6.47	94	397253	43.65	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	269657	38.51	ng		93
12) 1,3-Dichlorobenzene	6.76	146	311774	39.44	ng	#	96
13) 1,4-Dichlorobenzene	6.84	146	320352	39.96	ng		94
14) 1,2-Dichlorobenzene	6.98	146	294766	39.46	ng		96
15) Benzyl Alcohol	6.96	79	221926	41.41	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	340953	36.69	ng		97
17) 2-Methylphenol	7.08	107	235137	40.01	ng		97
18) Hexachloroethane	7.33	117	117789	40.13	ng		91
19) n-Nitroso-di-n-propylamine	7.24	70	198221	41.21	ng		95
20) 3+4-Methylphenols	7.24	107	302700	42.84	ng	#	85
22) Acetophenone	7.22	105	386191	38.58	ng	#	96
24) Nitrobenzene	7.41	77	320528	40.75	ng	#	86
25) Isophorone	7.65	82	578490	39.36	ng		94
26) 2-Nitrophenol	7.72	139	151745	38.57	ng	#	83
27) 2,4-Dimethylphenol	7.76	122	270428	39.32	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	335613	40.07	ng		98
29) 2,4-Dichlorophenol	7.97	162	247574	42.82	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	257614	40.13	ng		97
31) Naphthalene	8.13	128	889727	41.10	ng		99
32) Benzoic acid	7.90	122	177036	38.76	ng		95
33) 4-Chloroaniline	8.18	127	90434	10.23	ng		99
34) Hexachlorobutadiene	8.24	225	132855	38.08	ng		99
35) Caprolactam	8.55	113	81109m	39.60	ng		
36) 4-Chloro-3-methylphenol	8.66	107	260735	38.61	ng		94
37) 2-Methylnaphthalene	8.81	142	549913	43.13	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	232479	42.77	ng		99
40) Hexachlorocyclopentadiene	8.97	237	173856	77.12	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	159741	43.51	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	166701	43.30	ng	#	86
45) 1,1'-Biphenyl	9.28	154	651032	42.09	ng		98
46) 2-Chloronaphthalene	9.30	162	480058	42.21	ng		93
47) 2-Nitroaniline	9.41	65	161853	46.54	ng		96
48) Acenaphthylene	9.72	152	781098	42.15	ng		100
49) Dimethylphthalate	9.59	163	613132	44.09	ng		98
50) 2,6-Dinitrotoluene	9.65	165	125165	41.82	ng		96
51) Acenaphthene	9.89	154	462645	40.87	ng		99
52) 3-Nitroaniline	9.82	138	69558	20.30	ng		87
53) 2,4-Dinitrophenol	9.93	184	132908	87.29	ng	#	72
54) Dibenzofuran	10.07	168	682426	46.58	ng		94
55) 4-Nitrophenol	9.99	139	192430	86.21	ng		98
56) 2,4-Dinitrotoluene	10.06	165	174689	45.92	ng	#	83
57) Fluorene	10.40	166	504260	41.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	126882	47.42	ng		98
59) Diethylphthalate	10.29	149	614901	44.76	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	265625	44.61	ng	#	86
61) 4-Nitroaniline	10.44	138	141208	43.09	ng		96
62) Azobenzene	10.56	77	649074	49.16	ng		93
64) 4,6-Dinitro-2-methylphenol	10.47	198	83124	41.17	ng	#	51
65) n-Nitrosodiphenylamine	10.52	169	444435	40.70	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	147135	41.71	ng	#	83
67) Hexachlorobenzene	10.95	284	153217	41.54	ng	#	66
68) Atrazine	11.05	200	141302	38.33	ng		94
69) Pentachlorophenol	11.16	266	162578	89.77	ng		98
70) Phenanthrene	11.36	178	751927	42.48	ng		100
71) Anthracene	11.42	178	824913	44.39	ng		99
72) Carbazole	11.58	167	726080	46.53	ng		98
73) Di-n-butylphthalate	11.91	149	904552	42.25	ng	#	98
74) Fluoranthene	12.55	202	716063	38.05	ng		96
76) Benzidine	12.68	184	222279	29.30	ng		97
77) Pyrene	12.78	202	730563	41.26	ng		99
79) Butylbenzylphthalate	13.40	149	328744	44.34	ng	#	77
80) Benzo(a)anthracene	13.97	228	509444	41.48	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	105273	12.35	ng	#	95
82) Chrysene	14.00	228	468110m	37.84	ng		
83) Bis(2-ethylhexyl)phthalate	13.96	149	407414	45.89	ng	#	97
84) Di-n-octyl phthalate	14.56	149	601674	45.58	ng		99
85) Indeno(1,2,3-cd)pyrene	16.78	276	527741	55.25	ng		99
87) Benzo(b)fluoranthene	14.99	252	521976m	46.60	ng		
88) Benzo(k)fluoranthene	15.02	252	336724m	33.35	ng		
89) Benzo(a)pyrene	15.34	252	422124	42.44	ng	#	96
90) Dibenzo(a,h)anthracene	16.79	278	438532	47.46	ng		100
91) Benzo(g,h,i)perylene	17.19	276	448533	47.94	ng		99

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

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