Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
Data File : BF084329.D
Acq On : 8 Jan 2016 15:50
Operator : SJ/UM
Sample : PB87668BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87668BS

Manual Integrations APPROVED
Sohil
1/10/2016 9:51:27 AM

Quant Time: Jan 08 23:22:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	254067	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1085572	20.00	ng		-0.05
38) Acenaphthene-d10	9.90	164	510462	20.00	ng		-0.05
63) Phenanthrene-d10	11.38	188	943168	20.00	ng		-0.05
75) Chrysene-d12	14.02	240	703757	20.00	ng		-0.05
86) Perylene-d12	15.45	264	580044	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1278639	81.40	ng		-0.02
7) Phenol-d6	6.50	99	1766716	89.56	ng		-0.03
23) Nitrobenzene-d5	7.42	82	1520398	77.95	ng		-0.05
41) 2,4,6-Tribromophenol	10.69	330	448174	86.96	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	2607662	90.26	ng		-0.03
78) Terphenyl-d14	12.97	244	2384097	75.62	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	258340	34.72	ng	#	76
3) Pyridine	3.25	79	742970	35.81	ng	#	71
4) n-Nitrosodimethylamine	3.22	42	429014	40.29	ng	#	78
6) Aniline	6.52	93	502103	17.40	ng	#	56
8) 2-Chlorophenol	6.65	128	794743	44.60	ng		97
9) Benzaldehyde	6.40	77	167348	13.03	ng		94
10) Phenol	6.52	94	880628	39.26	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	740584m	42.62	ng		
12) 1,3-Dichlorobenzene	6.80	146	745660	40.56	ng	#	94
13) 1,4-Dichlorobenzene	6.88	146	786367	42.66	ng		94
14) 1,2-Dichlorobenzene	7.02	146	656948	37.21	ng		94
15) Benzyl Alcohol	7.00	79	611384	36.84	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1178077	37.23	ng		85
17) 2-Methylphenol	7.13	107	660893	44.25	ng		94
18) Hexachloroethane	7.37	117	293476	39.81	ng		93
19) n-Nitroso-di-n-propylamine	7.28	70	517519	38.75	ng	#	70
20) 3+4-Methylphenols	7.28	107	698686	39.80	ng	#	60
22) Acetophenone	7.28	105	1049646	40.21	ng	#	89
24) Nitrobenzene	7.45	77	891461	45.06	ng		97
25) Isophorone	7.69	82	1506578	40.39	ng		98
26) 2-Nitrophenol	7.76	139	404383	44.91	ng	#	74
27) 2,4-Dimethylphenol	7.80	122	711694	39.05	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	934133	41.00	ng	#	98
29) 2,4-Dichlorophenol	8.01	162	640089	42.16	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	663190	42.32	ng		96
31) Naphthalene	8.17	128	2036940	41.36	ng		98
32) Benzoic acid	7.93	122	320180	30.00	ng		97
33) 4-Chloroaniline	8.21	127	194103	8.60	ng		98
34) Hexachlorobutadiene	8.28	225	355624	39.47	ng		98
35) Caprolactam	8.59	113	202718m	39.61	ng		
36) 4-Chloro-3-methylphenol	8.72	107	751394	44.19	ng		94
37) 2-Methylnaphthalene	8.86	142	1429182	40.42	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	574892	39.17	ng	#	98
40) Hexachlorocyclopentadiene	9.01	237	664551	75.02	ng		97

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Quant Time: Jan 08 23:22:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	423530	38.58	ng		96
43) 2,4,5-Trichlorophenol	9.18	196	427684	40.63	ng	#	86
45) 1,1'-Biphenyl	9.32	154	1510879	37.24	ng		99
46) 2-Chloronaphthalene	9.34	162	1189633	37.33	ng		97
47) 2-Nitroaniline	9.45	65	500074	47.55	ng		94
48) Acenaphthylene	9.77	152	2040107	43.33	ng		98
49) Dimethylphthalate	9.63	163	1458092	39.96	ng	#	90
50) 2,6-Dinitrotoluene	9.69	165	306991	38.36	ng	#	48
51) Acenaphthene	9.94	154	1479803	46.86	ng		97
52) 3-Nitroaniline	9.86	138	218910	22.07	ng	#	80
53) 2,4-Dinitrophenol	9.96	184	258229	75.93	ng	#	86
54) Dibenzofuran	10.11	168	1801818	43.99	ng		95
55) 4-Nitrophenol	10.03	139	496327	68.94	ng	#	74
56) 2,4-Dinitrotoluene	10.10	165	464592	45.86	ng	#	79
57) Fluorene	10.45	166	1429771	45.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	339173	37.74	ng		96
59) Diethylphthalate	10.33	149	1441726	40.07	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	605900	45.49	ng		95
61) 4-Nitroaniline	10.48	138	365610	41.35	ng		94
62) Azobenzene	10.60	77	1641215	41.59	ng		91
64) 4,6-Dinitro-2-methylphenol	10.50	198	225047	39.06	ng		91
65) n-Nitrosodiphenylamine	10.57	169	1283177	42.55	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	426432	42.01	ng	#	88
67) Hexachlorobenzene	10.99	284	439151	38.43	ng	#	76
68) Atrazine	11.09	200	391841	39.71	ng		98
69) Pentachlorophenol	11.20	266	470126	79.35	ng		98
70) Phenanthrene	11.41	178	2159497	43.77	ng		96
71) Anthracene	11.46	178	1899393	39.27	ng		98
72) Carbazole	11.62	167	1888100	39.93	ng		98
73) Di-n-butylphthalate	11.95	149	2142235	41.87	ng	#	95
74) Fluoranthene	12.59	202	2078625	40.33	ng		98
76) Benzidine	12.72	184	634643	25.15	ng		99
77) Pyrene	12.82	202	2128509	38.54	ng		98
79) Butylbenzylphthalate	13.45	149	999359	41.82	ng		95
80) Benzo(a)anthracene	14.01	228	1671277	40.44	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	349536	24.24	ng	#	94
82) Chrysene	14.05	228	1726213	43.47	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	1203943	39.88	ng		97
84) Di-n-octyl phthalate	14.63	149	2205623	43.27	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.84	276	1316714	41.83	ng		99
87) Benzo(b)fluoranthene	15.04	252	1858148m	48.97	ng		
88) Benzo(k)fluoranthene	15.07	252	1098290m	35.39	ng		
89) Benzo(a)pyrene	15.39	252	1350563	41.96	ng	#	98
90) Dibenzo(a,h)anthracene	16.87	278	1081223	39.04	ng		97
91) Benzo(g,h,i)perylene	17.27	276	1093917	38.14	ng		99

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

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