Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084288.D
Acq On : 6 Jan 2016 14:27
Operator : SJ/UM
Sample : PB87652BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Manual Integrations APPROVED
umangi
1/7/2016 12:03:58 PM

Quant Time: Jan 07 01:06:34 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	6.86	152	248002	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1037525	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	473816	20.00	ng		-0.05
63) Phenanthrene-d10	11.39	188	869719	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	778736	20.00	ng		-0.03
86) Perylene-d12	15.46	264	658089	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1737215	113.30	ng		-0.01
7) Phenol-d6	6.51	99	2474788	128.52	ng		-0.02
23) Nitrobenzene-d5	7.44	82	1435176	76.99	ng		-0.03
41) 2,4,6-Tribromophenol	10.70	330	635359	132.82	ng		-0.03
44) 2-Fluorobiphenyl	9.23	172	2408509	89.78	ng		-0.03
78) Terphenyl-d14	12.98	244	2255922	64.66	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	242291	33.36	ng	#	75
3) Pyridine	3.25	79	774881	38.26	ng	#	69
4) n-Nitrosodimethylamine	3.21	42	402445	38.72	ng	#	76
6) Aniline	6.53	93	560596	19.90	ng	#	57
8) 2-Chlorophenol	6.66	128	767304	44.11	ng		97
9) Benzaldehyde	6.41	77	231583	18.47	ng		91
10) Phenol	6.53	94	857912	39.18	ng		95
11) bis(2-Chloroethyl)ether	6.61	93	714675	42.14	ng		96
12) 1,3-Dichlorobenzene	6.81	146	718085m	40.02	ng		
13) 1,4-Dichlorobenzene	6.89	146	764350	42.48	ng		94
14) 1,2-Dichlorobenzene	7.04	146	630531	36.59	ng		95
15) Benzyl Alcohol	7.01	79	601545	37.13	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1130729	36.61	ng		84
17) 2-Methylphenol	7.14	107	617809	42.37	ng		95
18) Hexachloroethane	7.38	117	280538	38.99	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	480819	36.89	ng	#	71
20) 3+4-Methylphenols	7.29	107	682948	39.85	ng	#	70
22) Acetophenone	7.28	105	993425	39.82	ng		94
24) Nitrobenzene	7.46	77	834824	44.15	ng		92
25) Isophorone	7.70	82	1434438	40.23	ng		97
26) 2-Nitrophenol	7.77	139	353116	41.04	ng	#	77
27) 2,4-Dimethylphenol	7.81	122	649918	37.31	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	844098	38.76	ng		99
29) 2,4-Dichlorophenol	8.02	162	636813	43.89	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	646358	43.15	ng		96
31) Naphthalene	8.18	128	1998806	42.46	ng		99
32) Benzoic acid	7.93	122	332588	32.07	ng		92
33) 4-Chloroaniline	8.22	127	199756	9.26	ng		97
34) Hexachlorobutadiene	8.29	225	339240	39.40	ng		98
35) Caprolactam	8.60	113	204510m	41.81	ng		
36) 4-Chloro-3-methylphenol	8.72	107	656398	40.39	ng		95
37) 2-Methylnaphthalene	8.86	142	1309711	38.76	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	571475	41.95	ng		98
40) Hexachlorocyclopentadiene	9.02	237	728658	88.61	ng		98

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Quant Time: Jan 07 01:06:34 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	9.15	196	443388	43.51	ng		93
43) 2,4,5-Trichlorophenol	9.20	196	427370	43.75	ng		97
45) 1,1'-Biphenyl	9.33	154	1594769	42.35	ng		100
46) 2-Chloronaphthalene	9.36	162	1183975	40.03	ng		96
47) 2-Nitroaniline	9.46	65	445272	45.61	ng	#	68
48) Acenaphthylene	9.77	152	1902888	43.54	ng		98
49) Dimethylphthalate	9.64	163	1559432	46.04	ng	#	91
50) 2,6-Dinitrotoluene	9.70	165	349223	47.01	ng	#	71
51) Acenaphthene	9.94	154	1369740	46.73	ng		98
52) 3-Nitroaniline	9.86	138	166460	18.08	ng		95
53) 2,4-Dinitrophenol	9.97	184	296000	92.93	ng	#	83
54) Dibenzofuran	10.12	168	1694532	44.61	ng		97
55) 4-Nitrophenol	10.04	139	581004	86.95	ng	#	82
56) 2,4-Dinitrotoluene	10.10	165	401095	42.66	ng	#	87
57) Fluorene	10.45	166	1219571	41.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	361308	43.32	ng		92
59) Diethylphthalate	10.34	149	1438659	43.08	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	632340	52.34	ng		96
61) 4-Nitroaniline	10.49	138	373471	45.51	ng	#	81
62) Azobenzene	10.61	77	1627055	44.42	ng		94
64) 4,6-Dinitro-2-methylphenol	10.51	198	212781	40.05	ng		70
65) n-Nitrosodiphenylamine	10.57	169	1123405	40.40	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	412872	44.11	ng		97
67) Hexachlorobenzene	11.00	284	414285	39.32	ng	#	87
68) Atrazine	11.10	200	436881	48.01	ng		95
69) Pentachlorophenol	11.20	266	390454	71.47	ng		96
70) Phenanthrene	11.41	178	1942067	42.69	ng		97
71) Anthracene	11.47	178	2041522	45.78	ng		97
72) Carbazole	11.63	167	1935255	44.39	ng		97
73) Di-n-butylphthalate	11.96	149	2260640	50.23	ng	#	97
74) Fluoranthene	12.60	202	1873818	39.43	ng		98
76) Benzidine	12.73	184	760765	27.25	ng		98
77) Pyrene	12.83	202	1938419	31.72	ng		97
79) Butylbenzylphthalate	13.46	149	1009627	38.18	ng	#	91
80) Benzo(a)anthracene	14.02	228	1643060	35.93	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	291863	18.29	ng	#	97
82) Chrysene	14.05	228	1562701	35.57	ng		97
83) Bis(2-ethylhexyl)phthalate	14.02	149	1246956	37.32	ng	#	95
84) Di-n-octyl phthalate	14.63	149	2097394	37.19	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.85	276	1497589	43.00	ng		100
87) Benzo(b)fluoranthene	15.05	252	1689365	39.24	ng	#	97
88) Benzo(k)fluoranthene	15.08	252	1638743m	46.55	ng		
89) Benzo(a)pyrene	15.40	252	1580343	43.28	ng		99
90) Dibenzo(a,h)anthracene	16.88	278	1233143	39.25	ng		97
91) Benzo(g,h,i)perylene	17.28	276	1227803	37.73	ng		97

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

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