Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084454.D
Acq On : 13 Jan 2016 21:08
Operator : SJ/UM
Sample : PB87806BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87806BS

Quant Time: Jan 14 15:13:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	245040	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1048987	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	454965	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	875357	20.00	ng		0.00
75) Chrysene-d12	14.00	240	715290	20.00	ng		0.00
86) Perylene-d12	15.41	264	493716	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1703509	112.45	ng		0.01
7) Phenol-d6	6.48	99	2414539	126.90	ng		0.00
23) Nitrobenzene-d5	7.40	82	1445305	76.68	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	607442	132.25	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	2275516	88.22	ng		0.00
78) Terphenyl-d14	12.95	244	2253497	70.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	278451	38.80	ng	#	79
3) Pyridine	3.21	79	801420	40.05	ng	#	78
4) n-Nitrosodimethylamine	3.16	42	375293	36.54	ng	#	91
6) Aniline	6.50	93	152053	5.46	ng	#	1
8) 2-Chlorophenol	6.62	128	731810	42.58	ng		97
9) Benzaldehyde	6.37	77	98535	7.95	ng		92
10) Phenol	6.50	94	830497	38.39	ng		81
11) bis(2-Chloroethyl)ether	6.58	93	709577	42.34	ng		96
12) 1,3-Dichlorobenzene	6.77	146	744847m	42.01	ng		
13) 1,4-Dichlorobenzene	6.85	146	766241m	43.09	ng		
14) 1,2-Dichlorobenzene	7.00	146	663513	38.97	ng		97
15) Benzyl Alcohol	6.98	79	547533	34.21	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1127795	36.96	ng		86
17) 2-Methylphenol	7.10	107	618358	42.93	ng		96
18) Hexachloroethane	7.34	117	285004	40.08	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	482864	37.49	ng	#	76
20) 3+4-Methylphenols	7.25	107	714907	42.22	ng	#	69
22) Acetophenone	7.24	105	955675	37.89	ng		96
24) Nitrobenzene	7.42	77	766103	40.08	ng	#	87
25) Isophorone	7.66	82	1439495	39.93	ng		96
26) 2-Nitrophenol	7.73	139	363929	41.83	ng	#	81
27) 2,4-Dimethylphenol	7.78	122	654105	37.14	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	848028	38.51	ng		99
29) 2,4-Dichlorophenol	7.98	162	621593	42.37	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	634685	41.91	ng	#	95
31) Naphthalene	8.14	128	2042536	42.92	ng		99
32) Benzoic acid	7.90	122	351418	33.23	ng		95
33) 4-Chloroaniline	8.20	127	58742	2.69	ng		93
34) Hexachlorobutadiene	8.26	225	324216	37.24	ng		98
35) Caprolactam	8.56	113	205085m	41.47	ng		
36) 4-Chloro-3-methylphenol	8.69	107	698168	42.49	ng		95
37) 2-Methylnaphthalene	8.83	142	1289684	37.75	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	569736	43.56	ng		98
40) Hexachlorocyclopentadiene	8.99	237	605961	76.75	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	414196	42.33	ng		97
43) 2,4,5-Trichlorophenol	9.16	196	410541	43.76	ng	#	90
45) 1,1'-Biphenyl	9.30	154	1582594	43.77	ng		100
46) 2-Chloronaphthalene	9.32	162	1187838	41.82	ng		94
47) 2-Nitroaniline	9.42	65	409517	43.69	ng	#	68
48) Acenaphthylene	9.73	152	1788616	42.63	ng		97
49) Dimethylphthalate	9.61	163	1529984	47.04	ng	#	91
50) 2,6-Dinitrotoluene	9.66	165	344757	48.33	ng	#	77
51) Acenaphthene	9.90	154	1319165	46.87	ng		99
52) 3-Nitroaniline	9.82	138	34722	3.93	ng		98
53) 2,4-Dinitrophenol	9.94	184	318359	103.66	ng	#	85
54) Dibenzofuran	10.08	168	1640539	45.00	ng		91
55) 4-Nitrophenol	10.01	139	457583	71.31	ng	#	78
56) 2,4-Dinitrotoluene	10.06	165	395961	43.86	ng	#	88
57) Fluorene	10.42	166	1187716	41.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	346484	43.26	ng		92
59) Diethylphthalate	10.30	149	1446713	45.11	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	613833	53.02	ng		93
61) 4-Nitroaniline	10.44	138	229660	29.15	ng		87
62) Azobenzene	10.58	77	1593653	45.31	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	242280	45.51	ng		83
65) n-Nitrosodiphenylamine	10.53	169	1037414	37.07	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	405773	43.07	ng		97
67) Hexachlorobenzene	10.97	284	408679	38.54	ng	#	87
68) Atrazine	11.07	200	335153	36.59	ng		94
69) Pentachlorophenol	11.16	266	409310	74.44	ng		97
70) Phenanthrene	11.38	178	1835779	40.09	ng		96
71) Anthracene	11.44	178	2059728	45.89	ng		97
72) Carbazole	11.60	167	1710762	38.99	ng		98
73) Di-n-butylphthalate	11.93	149	2237615	49.09	ng	#	97
74) Fluoranthene	12.57	202	1938409	40.53	ng		98
77) Pyrene	12.80	202	1999528	35.62	ng		97
79) Butylbenzylphthalate	13.43	149	961974	39.60	ng	#	87
80) Benzo(a)anthracene	13.99	228	1530557	36.44	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	99747	6.80	ng	#	95
82) Chrysene	14.02	228	1463905	36.27	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	1141721	37.21	ng	#	95
84) Di-n-octyl phthalate	14.59	149	1858524	35.87	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.80	276	1167026	36.48	ng		97
87) Benzo(b)fluoranthene	15.00	252	1595427m	49.40	ng		
88) Benzo(k)fluoranthene	15.04	252	1020968m	38.65	ng		
89) Benzo(a)pyrene	15.36	252	1228224	44.84	ng		99
90) Dibenzo(a,h)anthracene	16.81	278	974359	41.34	ng		99
91) Benzo(g,h,i)perylene	17.21	276	1000523	40.99	ng		98

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

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