Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084489.D
Acq On : 15 Jan 2016 14:25
Operator : SJ/UM
Sample : PB87825BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87825BS

Quant Time: Jan 16 02:18:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	323318	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	1321645	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	617462	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	1113724	20.00	ng		0.01
75) Chrysene-d12	13.99	240	656564	20.00	ng		0.00
86) Perylene-d12	15.40	264	631489	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1334072	66.74	ng		0.01
7) Phenol-d6	6.46	99	1766089	70.35	ng		0.00
23) Nitrobenzene-d5	7.39	82	1474343	62.09	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	411167	65.96	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	2665324	75.21	ng		0.00
78) Terphenyl-d14	12.93	244	2226851	75.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	287154	30.33	ng	#	76
3) Pyridine	3.20	79	827783	31.35	ng	#	78
4) n-Nitrosodimethylamine	3.15	42	412204	30.42	ng	#	90
6) Aniline	6.49	93	399251	10.87	ng	#	48
8) 2-Chlorophenol	6.61	128	834355	36.79	ng		97
9) Benzaldehyde	6.36	77	110311	6.75	ng		92
10) Phenol	6.49	94	925922	32.44	ng		94
11) bis(2-Chloroethyl)ether	6.57	93	789963	35.73	ng		97
12) 1,3-Dichlorobenzene	6.76	146	799940	34.19	ng	#	95
13) 1,4-Dichlorobenzene	6.84	146	829114	35.34	ng		95
14) 1,2-Dichlorobenzene	6.99	146	721852	32.13	ng		95
15) Benzyl Alcohol	6.97	79	624804	29.59	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1249947	31.04	ng		88
17) 2-Methylphenol	7.09	107	680385	35.80	ng		96
18) Hexachloroethane	7.33	117	309420	32.98	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	512273	30.14	ng	#	74
20) 3+4-Methylphenols	7.24	107	781578	34.98	ng	#	58
22) Acetophenone	7.24	105	1092526	34.38	ng	#	93
24) Nitrobenzene	7.41	77	897085	37.25	ng		92
25) Isophorone	7.65	82	1542134	33.95	ng		97
26) 2-Nitrophenol	7.73	139	429852	39.21	ng	#	89
27) 2,4-Dimethylphenol	7.78	122	767402	34.59	ng		87
28) bis(2-Chloroethoxy)methane	7.87	93	997205	35.95	ng	#	96
29) 2,4-Dichlorophenol	7.97	162	651557	35.25	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	686257	35.97	ng		96
31) Naphthalene	8.13	128	2108873	35.17	ng		98
32) Benzoic acid	7.90	122	439090	33.01	ng		92
33) 4-Chloroaniline	8.18	127	197296	7.18	ng		97
34) Hexachlorobutadiene	8.25	225	369749	33.71	ng		97
35) Caprolactam	8.56	113	214977m	34.50	ng		
36) 4-Chloro-3-methylphenol	8.68	107	726906	35.11	ng		100
37) 2-Methylnaphthalene	8.83	142	1513378	35.16	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	579424	32.64	ng		98
40) Hexachlorocyclopentadiene	8.98	237	516514	48.20	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	433358	32.63	ng		97
43) 2,4,5-Trichlorophenol	9.15	196	437114	34.33	ng	#	82
45) 1,1'-Biphenyl	9.29	154	1659320	33.81	ng		98
46) 2-Chloronaphthalene	9.31	162	1308208	33.94	ng		96
47) 2-Nitroaniline	9.41	65	426204	33.50	ng		95
48) Acenaphthylene	9.73	152	2068562	36.32	ng		97
49) Dimethylphthalate	9.60	163	1454768	32.96	ng	#	89
50) 2,6-Dinitrotoluene	9.65	165	339993	35.12	ng	#	48
51) Acenaphthene	9.90	154	1508103	39.48	ng		97
52) 3-Nitroaniline	9.82	138	178109	14.85	ng	#	81
53) 2,4-Dinitrophenol	9.94	184	332436	80.58	ng	#	71
54) Dibenzofuran	10.08	168	1762786	34.97	ng		95
55) 4-Nitrophenol	10.01	139	644276	73.99	ng		92
56) 2,4-Dinitrotoluene	10.06	165	508805	41.52	ng		88
57) Fluorene	10.42	166	1403911	36.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	357425	32.88	ng		88
59) Diethylphthalate	10.29	149	1445968	33.22	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	593317	35.00	ng		92
61) 4-Nitroaniline	10.44	138	363426	33.98	ng		86
62) Azobenzene	10.57	77	1564573	32.78	ng		90
64) 4,6-Dinitro-2-methylphenol	10.46	198	215433	32.00	ng	#	61
65) n-Nitrosodiphenylamine	10.53	169	1288746	36.19	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	397862	33.19	ng	#	83
67) Hexachlorobenzene	10.97	284	461857	34.23	ng	#	89
68) Atrazine	11.06	200	374607	32.15	ng		99
69) Pentachlorophenol	11.16	266	435132	62.20	ng		98
70) Phenanthrene	11.38	178	2044018	35.09	ng		95
71) Anthracene	11.42	178	1969062	34.48	ng		98
72) Carbazole	11.58	167	1716232	30.74	ng		99
73) Di-n-butylphthalate	11.92	149	2174194	34.35	ng	#	96
74) Fluoranthene	12.57	202	2073393	34.07	ng		94
76) Benzidine	12.68	184	619853	26.33	ng		98
77) Pyrene	12.80	202	2002198	38.86	ng		100
79) Butylbenzylphthalate	13.41	149	848229	38.04	ng		88
80) Benzo(a)anthracene	13.97	228	1366363	35.44	ng		98
81) 3,3'-Dichlorobenzidine	13.94	252	283216	21.05	ng	#	92
82) Chrysene	14.02	228	1394359	37.64	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	1040299	36.93	ng		98
84) Di-n-octyl phthalate	14.59	149	1762730	37.07	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.80	276	1416287	48.23	ng		98
87) Benzo(b)fluoranthene	15.00	252	1230339m	29.78	ng		
88) Benzo(k)fluoranthene	15.04	252	1254978m	37.15	ng		
89) Benzo(a)pyrene	15.35	252	1235315	35.26	ng	#	93
90) Dibenzo(a,h)anthracene	16.81	278	1169659	38.79	ng		98
91) Benzo(g,h,i)perylene	17.21	276	1220642	39.09	ng		96

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

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