Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082844.D
Acq On : 9 Nov 2015 22:21
Operator : UM/IZ
Sample : G4306-15MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D3MSD

Manual Integrations APPROVED
Mmdadoda
11/10/2015 1:02:33 PM

Quant Time: Nov 10 03:43:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	244722	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	932988	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	437213	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	818902	20.00	ng		-0.02
75) Chrysene-d12	13.99	240	584370	20.00	ng		-0.03
86) Perylene-d12	15.40	264	584699	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	2155237	137.03	ng		0.00
7) Phenol-d6	6.48	99	2795812	133.71	ng		0.00
23) Nitrobenzene-d5	7.40	82	1916517	89.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	681777	136.00	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	2477691	81.22	ng		-0.02
78) Terphenyl-d14	12.94	244	2534099	102.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	260978	38.46	ng		96
3) Pyridine	3.17	79	832714	42.29	ng		93
4) n-Nitrosodimethylamine	3.13	42	429758	44.00	ng	#	75
6) Aniline	6.50	93	1122785	38.24	ng	#	85
8) 2-Chlorophenol	6.62	128	797805	45.76	ng		97
9) Benzaldehyde	6.37	77	90489	7.83	ng		85
10) Phenol	6.49	94	937849	39.53	ng	#	71
11) bis(2-Chloroethyl)ether	6.57	93	822895	46.38	ng		95
12) 1,3-Dichlorobenzene	6.77	146	831102m	42.26	ng		
13) 1,4-Dichlorobenzene	6.85	146	840485m	41.08	ng		
14) 1,2-Dichlorobenzene	7.00	146	718477	38.62	ng		95
15) Benzyl Alcohol	6.98	79	781944	42.58	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1213030	46.61	ng		97
17) 2-Methylphenol	7.09	107	693765	46.98	ng		98
18) Hexachloroethane	7.34	117	291918	39.89	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	688711	44.81	ng	#	79
20) 3+4-Methylphenols	7.25	107	832933	43.38	ng		89
22) Acetophenone	7.25	105	1193784	44.66	ng	#	91
24) Nitrobenzene	7.41	77	905439	41.29	ng	#	88
25) Isophorone	7.66	82	1790458	45.13	ng		97
26) 2-Nitrophenol	7.73	139	403712	44.11	ng	#	77
27) 2,4-Dimethylphenol	7.78	122	713193	43.37	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	972953	43.48	ng	#	98
29) 2,4-Dichlorophenol	7.98	162	750458	50.49	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	738734	44.20	ng		96
31) Naphthalene	8.14	128	2276080	44.22	ng		100
32) Benzoic acid	7.86	122	95704	8.50	ng	#	83
33) 4-Chloroaniline	8.19	127	906404	40.86	ng	#	91
34) Hexachlorobutadiene	8.27	225	436822	41.76	ng		99
35) Caprolactam	8.57	113	257243m	54.90	ng		
36) 4-Chloro-3-methylphenol	8.68	107	827129	47.32	ng		91
37) 2-Methylnaphthalene	8.83	142	1333054	40.03	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	624329	43.45	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	736091	95.36	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	527503	49.19	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	544699m	51.35	ng		
45) 1,1'-Biphenyl	9.30	154	1689593	45.04	ng		96
46) 2-Chloronaphthalene	9.32	162	1393522	47.62	ng		97
47) 2-Nitroaniline	9.41	65	532648	49.07	ng	#	84
48) Acenaphthylene	9.73	152	1990085	43.39	ng		99
49) Dimethylphthalate	9.61	163	2246537	62.72	ng		99
50) 2,6-Dinitrotoluene	9.66	165	408171	53.40	ng	#	60
51) Acenaphthene	9.90	154	1346480	46.32	ng		99
52) 3-Nitroaniline	9.82	138	344908	41.03	ng		86
53) 2,4-Dinitrophenol	9.93	184	269959	64.33	ng	#	27
54) Dibenzofuran	10.08	168	1730590	44.16	ng		96
55) 4-Nitrophenol	10.00	139	547000	84.82	ng	#	82
56) 2,4-Dinitrotoluene	10.06	165	548686	52.91	ng	#	83
57) Fluorene	10.42	166	1316376	41.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	449033	51.87	ng	#	88
59) Diethylphthalate	10.30	149	1632466	46.68	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	720780	45.39	ng		93
61) 4-Nitroaniline	10.44	138	374386	44.29	ng	#	80
62) Azobenzene	10.58	77	1896560	50.48	ng		95
64) 4,6-Dinitro-2-methylphenol	10.48	198	306010	52.45	ng		76
65) n-Nitrosodiphenylamine	10.53	169	1219443	41.22	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	410532	41.63	ng	#	73
67) Hexachlorobenzene	10.97	284	455905	41.41	ng	#	85
68) Atrazine	11.06	200	437828	47.86	ng		97
69) Pentachlorophenol	11.16	266	537074	80.33	ng		98
70) Phenanthrene	11.38	178	2072583	43.58	ng		99
71) Anthracene	11.44	178	2193611	43.79	ng		98
72) Carbazole	11.58	167	2075994	47.34	ng		99
73) Di-n-butylphthalate	11.93	149	2452746	44.89	ng	#	97
74) Fluoranthene	12.57	202	2278518	44.65	ng		97
76) Benzidine	12.68	184	1144588	58.44	ng		100
77) Pyrene	12.80	202	2272838	56.63	ng		100
79) Butylbenzylphthalate	13.41	149	948032	53.47	ng		97
80) Benzo(a)anthracene	13.97	228	1896444	51.90	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	674411	51.91	ng		100
82) Chrysene	14.02	228	1922607	57.44	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	1382573	56.97	ng	#	98
84) Di-n-octyl phthalate	14.59	149	2196577	54.27	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	1613953	55.99	ng	#	96
87) Benzo(b)fluoranthene	15.00	252	2007383m	53.49	ng		
88) Benzo(k)fluoranthene	15.04	252	1221512m	36.69	ng		
89) Benzo(a)pyrene	15.36	252	1609893	49.51	ng		98
90) Dibenzo(a,h)anthracene	16.81	278	1331111	48.34	ng	#	97
91) Benzo(g,h,i)perylene	17.21	276	1341316	50.86	ng	#	96

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

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