Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF021815\
Data File : BF077367.D
Acq On : 18 Feb 2015 22:24
Operator : TP/IZ
Sample : PB81756BS
Misc : W
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81756BS

Quant Time: Feb 19 04:21:08 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 09:51:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	56314	20.00	ng		-0.02
21) Naphthalene-d8	8.93	136	230197	20.00	ng		-0.02
38) Acenaphthene-d10	11.12	164	110675	20.00	ng		-0.02
63) Phenanthrene-d10	12.96	188	223860	20.00	ng		-0.02
75) Chrysene-d12	16.26	240	213788	20.00	ng		-0.01
86) Perylene-d12	18.00	264	227644	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	389574	118.22	ng		-0.01
7) Phenol-d6	6.90	99	470445	109.29	ng		-0.02
23) Nitrobenzene-d5	8.04	82	261138	78.56	ng		-0.02
41) 2,4,6-Tribromophenol	12.09	330	142735	138.37	ng		-0.02
44) 2-Fluorobiphenyl	10.28	172	654332	89.13	ng		-0.02
78) Terphenyl-d14	14.96	244	727105	77.32	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	42310	29.29	ng	#	93
3) Pyridine	3.09	79	116249	30.49	ng		93
4) n-Nitrosodimethylamine	3.01	42	58509	32.07	ng		86
6) Aniline	6.94	93	76009	12.51	ng		99
8) 2-Chlorophenol	7.08	128	145373	37.64	ng		97
9) Benzaldehyde	6.81	77	5926	2.33	ng		97
10) Phenol	6.92	94	174942	34.98	ng		90
11) bis(2-Chloroethyl)ether	7.04	93	125554	33.48	ng		96
12) 1,3-Dichlorobenzene	7.28	146	150112	34.45	ng		99
13) 1,4-Dichlorobenzene	7.38	146	158569	35.30	ng		99
14) 1,2-Dichlorobenzene	7.56	146	150701	34.79	ng		99
15) Benzyl Alcohol	7.53	79	115376	35.38	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.71	45	186815	33.09	ng		99
17) 2-Methylphenol	7.68	107	114338	37.14	ng	#	93
18) Hexachloroethane	7.98	117	51340	35.07	ng		97
19) n-Nitroso-di-n-propylamine	7.87	70	101879	34.06	ng		96
20) 3+4-Methylphenols	7.86	107	147711	36.86	ng		96
22) Acetophenone	7.86	105	191649	35.38	ng		99
24) Nitrobenzene	8.06	77	134860	37.64	ng		97
25) Isophorone	8.36	82	263041	35.11	ng		99
26) 2-Nitrophenol	8.46	139	56871	52.11	ng		97
27) 2,4-Dimethylphenol	8.52	122	132878	38.94	ng		94
28) bis(2-Chloroethoxy)methane	8.65	93	175739	36.45	ng		99
29) 2,4-Dichlorophenol	8.75	162	119126	40.62	ng		97
30) 1,2,4-Trichlorobenzene	8.86	180	131295	35.25	ng		99
31) Naphthalene	8.96	128	415521	36.08	ng		100
32) Benzoic acid	8.61	122	59126	65.01	ng		94
33) 4-Chloroaniline	9.02	127	46397	9.43	ng		97
34) Hexachlorobutadiene	9.12	225	66334	32.58	ng		99
35) Caprolactam	9.45	113	37602	41.66	ng		99
36) 4-Chloro-3-methylphenol	9.63	107	130479	40.43	ng	#	83
37) 2-Methylnaphthalene	9.82	142	300603	36.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.03	216	125388	39.23	ng		99
40) Hexachlorocyclopentadiene	10.01	237	108464	68.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	86147	48.12	ng		99
43) 2,4,5-Trichlorophenol	10.21	196	92132	48.13	ng	#	87
45) 1,1'-Biphenyl	10.41	154	355666	40.30	ng		94
46) 2-Chloronaphthalene	10.42	162	276289	42.15	ng		99
47) 2-Nitroaniline	10.54	65	69835	49.95	ng		100
48) Acenaphthylene	10.93	152	463914	42.92	ng		99
49) Dimethylphthalate	10.78	163	339131	44.53	ng		99
50) 2,6-Dinitrotoluene	10.85	165	65012	46.28	ng		93
51) Acenaphthene	11.15	154	290110	45.22	ng		98
52) 3-Nitroaniline	11.06	138	34564	20.99	ng		86
53) 2,4-Dinitrophenol	11.20	184	28873	131.74	ng	#	61
54) Dibenzofuran	11.37	168	408752	42.01	ng		98
55) 4-Nitrophenol	11.26	139	129645	113.29	ng		87
56) 2,4-Dinitrotoluene	11.36	165	92083	51.95	ng		98
57) Fluorene	11.79	166	323670	42.39	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.52	232	71082	45.62	ng		94
59) Diethylphthalate	11.66	149	352463	44.45	ng		99
60) 4-Chlorophenyl-phenylether	11.80	204	152480	41.05	ng		99
61) 4-Nitroaniline	11.81	138	68604	42.46	ng		93
62) Azobenzene	12.00	77	318429	40.54	ng		98
64) 4,6-Dinitro-2-methylphenol	11.85	198	22205	53.71	ng		98
65) n-Nitrosodiphenylamine	11.95	169	286789	39.28	ng		100
66) 4-Bromophenyl-phenylether	12.41	248	93961	37.65	ng		98
67) Hexachlorobenzene	12.47	284	107215	37.87	ng		99
68) Atrazine	12.61	200	85862	39.34	ng		98
69) Pentachlorophenol	12.72	266	109438	108.57	ng		97
70) Phenanthrene	12.99	178	499106	38.37	ng		100
71) Anthracene	13.05	178	478854	37.02	ng		100
72) Carbazole	13.25	167	471301	41.44	ng		99
73) Di-n-butylphthalate	13.70	149	591642	42.26	ng		99
74) Fluoranthene	14.47	202	525402	40.00	ng		100
76) Benzidine	14.64	184	164548	25.06	ng		98
77) Pyrene	14.75	202	545759	41.29	ng		100
79) Butylbenzylphthalate	15.57	149	260388	49.34	ng		95
80) Benzo(a)anthracene	16.24	228	503546	40.44	ng		99
81) 3,3'-Dichlorobenzidine	16.21	252	94551	22.99	ng		99
82) Chrysene	16.28	228	449110	38.15	ng		100
83) Bis(2-ethylhexyl)phthalate	16.29	149	415736	47.22	ng		100
84) Di-n-octyl phthalate	17.08	149	725249	50.81	ng	#	97
85) Indeno(1,2,3-cd)pyrene	19.51	276	639958	47.60	ng		98
87) Benzo(b)fluoranthene	17.54	252	508906m	34.78	ng		
88) Benzo(k)fluoranthene	17.57	252	526864m	43.59	ng		
89) Benzo(a)pyrene	17.93	252	508928	39.96	ng	#	97
90) Dibenzo(a,h)anthracene	19.54	278	530248	40.91	ng		99
91) Benzo(g,h,i)perylene	19.95	276	537057	41.67	ng		97

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

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