Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083132.D
Acq On : 22 Nov 2015 2:04
Operator : UM/IZ
Sample : PB86744BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86744BSD

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:38 PM

Quant Time: Nov 22 09:45:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	189777	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	735788	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	378891	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	709225	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	633640	20.00	ng		-0.01
86) Perylene-d12	15.15	264	568156	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1332693	106.17	ng		-0.01
7) Phenol-d6	6.33	99	1837213	113.12	ng		-0.01
23) Nitrobenzene-d5	7.22	82	1130356	70.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	383304	98.88	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	1891043	69.60	ng		0.00
78) Terphenyl-d14	12.75	244	1979368	73.56	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	195828	31.49	ng		96
3) Pyridine	2.96	79	553381	33.70	ng		96
4) n-Nitrosodimethylamine	2.84	42	278239	36.73	ng		98
6) Aniline	6.32	93	474426	23.90	ng	#	81
8) 2-Chlorophenol	6.44	128	496938	36.64	ng		98
9) Benzaldehyde	6.19	77	342025	42.91	ng		86
10) Phenol	6.34	94	649913	33.08	ng	#	73
11) bis(2-Chloroethyl)ether	6.40	93	504202	35.94	ng		98
12) 1,3-Dichlorobenzene	6.59	146	525702m	33.95	ng		
13) 1,4-Dichlorobenzene	6.67	146	533594	34.07	ng		93
14) 1,2-Dichlorobenzene	6.82	146	469939	33.01	ng		97
15) Benzyl Alcohol	6.82	79	483240	35.61	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	833047	38.08	ng		80
17) 2-Methylphenol	6.95	107	404523	36.05	ng		97
18) Hexachloroethane	7.16	117	187793	34.04	ng	#	88
19) n-Nitroso-di-n-propylamine	7.08	70	380546	33.67	ng		99
20) 3+4-Methylphenols	7.10	107	541609	38.18	ng		94
22) Acetophenone	7.07	105	697143	33.00	ng	#	99
24) Nitrobenzene	7.24	77	595069	34.59	ng		98
25) Isophorone	7.50	82	1043632	34.23	ng		99
26) 2-Nitrophenol	7.56	139	261460	34.42	ng		95
27) 2,4-Dimethylphenol	7.62	122	450200	37.14	ng		96
28) bis(2-Chloroethoxy)methane	7.71	93	610788	34.46	ng		97
29) 2,4-Dichlorophenol	7.82	162	433163	37.57	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	424960	33.56	ng		96
31) Naphthalene	7.96	128	1393370	35.09	ng		100
32) Benzoic acid	7.78	122	331740	35.21	ng		91
33) 4-Chloroaniline	8.02	127	233786	15.17	ng		99
34) Hexachlorobutadiene	8.09	225	256912	34.33	ng		99
35) Caprolactam	8.42	113	133103	36.02	ng		92
36) 4-Chloro-3-methylphenol	8.52	107	467087	34.98	ng		89
37) 2-Methylnaphthalene	8.65	142	887149	34.42	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	405616	33.03	ng	#	98
40) Hexachlorocyclopentadiene	8.81	237	447526	64.09	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	311489	35.42	ng		99
43) 2,4,5-Trichlorophenol	8.98	196	303298	33.73	ng	#	79
45) 1,1'-Biphenyl	9.12	154	1070719	33.20	ng		98
46) 2-Chloronaphthalene	9.14	162	895750	35.36	ng		96
47) 2-Nitroaniline	9.24	65	313707	35.01	ng		99
48) Acenaphthylene	9.55	152	1393196	35.49	ng		99
49) Dimethylphthalate	9.44	163	1081891	37.09	ng		98
50) 2,6-Dinitrotoluene	9.48	165	231005	35.29	ng		97
51) Acenaphthene	9.72	154	841066	35.21	ng		100
52) 3-Nitroaniline	9.66	138	128273	18.38	ng	#	73
53) 2,4-Dinitrophenol	9.76	184	263278	69.82	ng	#	87
54) Dibenzofuran	9.90	168	1174236	34.76	ng		95
55) 4-Nitrophenol	9.85	139	382720	71.52	ng		94
56) 2,4-Dinitrotoluene	9.88	165	290075	34.98	ng		92
57) Fluorene	10.24	166	1002691	35.92	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	264210	35.82	ng		97
59) Diethylphthalate	10.14	149	1026946	35.37	ng		100
60) 4-Chlorophenyl-phenylether	10.24	204	449242	35.14	ng	#	79
61) 4-Nitroaniline	10.27	138	220303	32.07	ng		91
62) Azobenzene	10.39	77	1227878	37.05	ng		98
64) 4,6-Dinitro-2-methylphenol	10.30	198	186388	38.14	ng		98
65) n-Nitrosodiphenylamine	10.35	169	831106	34.45	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	285749	36.31	ng	#	88
67) Hexachlorobenzene	10.79	284	304706	35.16	ng	#	78
68) Atrazine	10.89	200	266246	38.01	ng		98
69) Pentachlorophenol	10.98	266	376195	66.64	ng		98
70) Phenanthrene	11.19	178	1424271	34.86	ng		99
71) Anthracene	11.24	178	1572870	37.73	ng		99
72) Carbazole	11.40	167	1349393	36.42	ng		100
73) Di-n-butylphthalate	11.75	149	1666688	36.85	ng		99
74) Fluoranthene	12.38	202	1553216	37.14	ng		93
76) Benzidine	12.50	184	648975	39.08	ng		99
77) Pyrene	12.59	202	1508820	34.85	ng		100
79) Butylbenzylphthalate	13.23	149	747616	36.49	ng		99
80) Benzo(a)anthracene	13.78	228	1481596	37.81	ng		100
81) 3,3'-Dichlorobenzidine	13.76	252	330860	24.26	ng		99
82) Chrysene	13.82	228	1162760	31.99	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	957166	35.77	ng		99
84) Di-n-octyl phthalate	14.40	149	1698825	36.88	ng		99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1159092	35.06	ng		98
87) Benzo(b)fluoranthene	14.79	252	1396525m	35.97	ng		
88) Benzo(k)fluoranthene	14.81	252	993163m	34.34	ng		
89) Benzo(a)pyrene	15.10	252	1151269	35.92	ng	#	94
90) Dibenzo(a,h)anthracene	16.43	278	986879	33.90	ng		98
91) Benzo(g,h,i)perylene	16.80	276	969831	34.12	ng		98

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

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