Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083133.D
Acq On : 22 Nov 2015 2:34
Operator : UM/IZ
Sample : PB86782BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:40 PM

Quant Time: Nov 22 09:47:57 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	194517m	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	762977	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	387530	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	722809	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	632396	20.00	ng		-0.01
86) Perylene-d12	15.15	264	552995	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1285494	99.91	ng		-0.01
7) Phenol-d6	6.33	99	1812146	108.86	ng		-0.01
23) Nitrobenzene-d5	7.22	82	1100373	65.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	378361	95.43	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	1845560	66.41	ng		0.00
78) Terphenyl-d14	12.75	244	1913224	71.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	164966	25.88	ng	#	90
3) Pyridine	2.96	79	522850	31.06	ng		95
4) n-Nitrosodimethylamine	2.84	42	269593	34.72	ng		99
6) Aniline	6.33	93	390643m	19.20	ng		
8) 2-Chlorophenol	6.44	128	477460	34.35	ng		97
9) Benzaldehyde	6.19	77	314734m	36.87	ng		
10) Phenol	6.34	94	611260	30.35	ng	#	73
11) bis(2-Chloroethyl)ether	6.40	93	497077	34.57	ng		98
12) 1,3-Dichlorobenzene	6.59	146	504473m	31.78	ng		
13) 1,4-Dichlorobenzene	6.67	146	498440m	31.05	ng		
14) 1,2-Dichlorobenzene	6.82	146	456528	31.28	ng		95
15) Benzyl Alcohol	6.82	79	459173	33.01	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	807604	36.02	ng		77
17) 2-Methylphenol	6.95	107	380528	33.08	ng		99
18) Hexachloroethane	7.16	117	185378m	32.78	ng		
19) n-Nitroso-di-n-propylamine	7.08	70	370729	32.00	ng		98
20) 3+4-Methylphenols	7.10	107	521665	35.88	ng		94
22) Acetophenone	7.07	105	664840	30.35	ng	#	99
24) Nitrobenzene	7.24	77	585038	32.79	ng		97
25) Isophorone	7.50	82	1014323	32.08	ng		100
26) 2-Nitrophenol	7.56	139	250872	31.85	ng		96
27) 2,4-Dimethylphenol	7.62	122	423392	33.68	ng		95
28) bis(2-Chloroethoxy)methane	7.71	93	585805	31.87	ng		99
29) 2,4-Dichlorophenol	7.82	162	415965	34.79	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	404766	30.82	ng		97
31) Naphthalene	7.96	128	1333732	32.39	ng		99
32) Benzoic acid	7.77	122	291700	29.85	ng		96
33) 4-Chloroaniline	8.02	127	188289	11.79	ng		97
34) Hexachlorobutadiene	8.09	225	241841	31.16	ng		98
35) Caprolactam	8.42	113	131943m	34.44	ng		
36) 4-Chloro-3-methylphenol	8.52	107	442885	31.98	ng		89
37) 2-Methylnaphthalene	8.65	142	853548	31.94	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	393659	31.34	ng		98
40) Hexachlorocyclopentadiene	8.81	237	420127	58.82	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	292376	32.50	ng		97
43) 2,4,5-Trichlorophenol	8.98	196	289724	31.50	ng	#	78
45) 1,1'-Biphenyl	9.12	154	1043144	31.63	ng		98
46) 2-Chloronaphthalene	9.14	162	863274	33.32	ng		96
47) 2-Nitroaniline	9.24	65	294629	32.15	ng		95
48) Acenaphthylene	9.55	152	1320594	32.89	ng		99
49) Dimethylphthalate	9.44	163	991428	33.23	ng	#	97
50) 2,6-Dinitrotoluene	9.48	165	205348	30.67	ng		98
51) Acenaphthene	9.72	154	804291	32.92	ng		99
52) 3-Nitroaniline	9.66	138	103229	14.46	ng	#	71
53) 2,4-Dinitrophenol	9.76	184	249649	64.73	ng		89
54) Dibenzofuran	9.90	168	1165692	33.74	ng		97
55) 4-Nitrophenol	9.85	139	379313	69.30	ng		88
56) 2,4-Dinitrotoluene	9.88	165	275826	32.52	ng		98
57) Fluorene	10.24	166	940623	32.94	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	249900	33.12	ng		99
59) Diethylphthalate	10.12	149	958994	32.29	ng		95
60) 4-Chlorophenyl-phenylether	10.24	204	425933	32.57	ng	#	79
61) 4-Nitroaniline	10.27	138	213214	30.34	ng		91
62) Azobenzene	10.39	77	1151622	33.97	ng		98
64) 4,6-Dinitro-2-methylphenol	10.30	198	178642	35.87	ng		97
65) n-Nitrosodiphenylamine	10.35	169	807146	32.83	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	273610	34.11	ng	#	92
67) Hexachlorobenzene	10.78	284	282176	31.95	ng	#	83
68) Atrazine	10.89	200	249001	34.88	ng		98
69) Pentachlorophenol	10.98	266	373701	64.95	ng		95
70) Phenanthrene	11.19	178	1339174	32.16	ng		99
71) Anthracene	11.24	178	1472927	34.67	ng		99
72) Carbazole	11.40	167	1295846	34.31	ng		100
73) Di-n-butylphthalate	11.75	149	1592142	34.54	ng		99
74) Fluoranthene	12.36	202	1431343	33.58	ng		97
76) Benzidine	12.50	184	550570	33.22	ng		100
77) Pyrene	12.59	202	1400449	32.41	ng		100
79) Butylbenzylphthalate	13.23	149	694853	33.98	ng		96
80) Benzo(a)anthracene	13.78	228	1446392	36.98	ng		100
81) 3,3'-Dichlorobenzidine	13.75	252	278511	20.46	ng	#	97
82) Chrysene	13.82	228	1074843	29.63	ng		100
83) Bis(2-ethylhexyl)phthalate	13.79	149	922897	34.56	ng		98
84) Di-n-octyl phthalate	14.40	149	1589897	34.58	ng		99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1086596	32.94	ng		97
87) Benzo(b)fluoranthene	14.79	252	1310542m	34.68	ng		
88) Benzo(k)fluoranthene	14.81	252	903303m	32.09	ng		
89) Benzo(a)pyrene	15.10	252	1026748	32.91	ng	#	94
90) Dibenzo(a,h)anthracene	16.43	278	910784	32.14	ng		97
91) Benzo(g,h,i)perylene	16.80	276	875998	31.67	ng		96

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

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