Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082832.D
Acq On : 9 Nov 2015 15:32
Operator : UM/IZ
Sample : PB86454BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86454BS

Manual Integrations APPROVED
Mmdadoda
11/10/2015 1:02:20 PM

Quant Time: Nov 10 11:32:41 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	250444	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	956799	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	444601	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	836906	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	713629	20.00	ng		-0.02
86) Perylene-d12	15.44	264	661745	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1787678	111.06	ng		0.00
7) Phenol-d6	6.48	99	2230640	104.24	ng		0.00
23) Nitrobenzene-d5	7.40	82	1676692	76.25	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	579067	113.59	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	2252112	72.60	ng		-0.02
78) Terphenyl-d14	12.95	244	2344257	77.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	245473	35.34	ng		97
3) Pyridine	3.25	79	731813	36.31	ng		95
4) n-Nitrosodimethylamine	3.20	42	359766	35.99	ng	#	75
6) Aniline	6.49	93	632040	21.04	ng	#	1
8) 2-Chlorophenol	6.62	128	646553	36.24	ng		96
9) Benzaldehyde	6.37	77	74459	6.30	ng		81
10) Phenol	6.49	94	889967	36.65	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	629441	34.67	ng		92
12) 1,3-Dichlorobenzene	6.77	146	736371	36.59	ng	#	87
13) 1,4-Dichlorobenzene	6.85	146	701866m	33.52	ng		
14) 1,2-Dichlorobenzene	7.00	146	655058	34.40	ng		98
15) Benzyl Alcohol	6.98	79	686627	36.54	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1017952	38.22	ng		97
17) 2-Methylphenol	7.09	107	541577	35.83	ng		99
18) Hexachloroethane	7.34	117	263240	35.15	ng		100
19) n-Nitroso-di-n-propylamine	7.25	70	501306	31.87	ng		89
20) 3+4-Methylphenols	7.25	107	729814	37.14	ng	#	72
22) Acetophenone	7.24	105	930778	33.95	ng	#	91
24) Nitrobenzene	7.41	77	739368	32.88	ng		91
25) Isophorone	7.66	82	1414457	34.77	ng	#	94
26) 2-Nitrophenol	7.73	139	347873	37.06	ng	#	74
27) 2,4-Dimethylphenol	7.78	122	615215	36.48	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	808563	35.23	ng		97
29) 2,4-Dichlorophenol	7.98	162	568812	37.32	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	628812	36.68	ng		95
31) Naphthalene	8.14	128	1885209	35.71	ng		99
32) Benzoic acid	7.92	122	437368	37.88	ng		86
33) 4-Chloroaniline	8.19	127	311772	13.70	ng	#	84
34) Hexachlorobutadiene	8.27	225	371080	34.59	ng		97
35) Caprolactam	8.56	113	177255m	36.89	ng		
36) 4-Chloro-3-methylphenol	8.68	107	665083	37.10	ng	#	86
37) 2-Methylnaphthalene	8.83	142	1143030	33.47	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	557262	38.14	ng		97
40) Hexachlorocyclopentadiene	8.99	237	661002	84.21	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	429035m	39.34	ng		
43) 2,4,5-Trichlorophenol	9.16	196	434528m	40.29	ng		
45) 1,1'-Biphenyl	9.30	154	1496928	39.24	ng		97
46) 2-Chloronaphthalene	9.32	162	1184672	39.81	ng		99
47) 2-Nitroaniline	9.41	65	450090	40.77	ng	#	82
48) Acenaphthylene	9.73	152	1664356	35.69	ng		99
49) Dimethylphthalate	9.61	163	1406264	38.61	ng	#	97
50) 2,6-Dinitrotoluene	9.65	165	301276	38.76	ng		91
51) Acenaphthene	9.90	154	1179438	39.90	ng		99
52) 3-Nitroaniline	9.82	138	198642	23.24	ng	#	69
53) 2,4-Dinitrophenol	9.93	184	329955	77.32	ng	#	30
54) Dibenzofuran	10.08	168	1496179	37.54	ng		94
55) 4-Nitrophenol	10.00	139	482024	73.51	ng		84
56) 2,4-Dinitrotoluene	10.06	165	454148	43.07	ng	#	78
57) Fluorene	10.42	166	1124230	34.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	364389	41.39	ng	#	86
59) Diethylphthalate	10.30	149	1375133	38.66	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	622258	38.53	ng		95
61) 4-Nitroaniline	10.44	138	324702	37.77	ng	#	77
62) Azobenzene	10.58	77	1569145	41.07	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	216489	36.31	ng	#	44
65) n-Nitrosodiphenylamine	10.53	169	1034592	34.22	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	353816	35.11	ng	#	69
67) Hexachlorobenzene	10.97	284	385338	34.25	ng	#	88
68) Atrazine	11.06	200	370534	39.63	ng		97
69) Pentachlorophenol	11.16	266	455222	66.62	ng		98
70) Phenanthrene	11.38	178	1690073	34.77	ng		100
71) Anthracene	11.44	178	1903836	37.19	ng		98
72) Carbazole	11.58	167	1686918	37.64	ng		99
73) Di-n-butylphthalate	11.93	149	2078284	37.22	ng	#	98
74) Fluoranthene	12.57	202	1941908	37.23	ng		98
76) Benzidine	12.68	184	810176	33.88	ng		100
77) Pyrene	12.80	202	2023040	41.28	ng		99
79) Butylbenzylphthalate	13.43	149	870965	40.23	ng	#	75
80) Benzo(a)anthracene	13.99	228	1739082	38.97	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	380383	23.98	ng	#	97
82) Chrysene	14.02	228	1402324	34.31	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	1094305	36.93	ng	#	97
84) Di-n-octyl phthalate	14.61	149	1900804	38.45	ng		99
85) Indeno(1,2,3-cd)pyrene	16.82	276	1420252	40.35	ng		97
87) Benzo(b)fluoranthene	15.04	252	1785268m	42.03	ng		
88) Benzo(k)fluoranthene	15.06	252	1168501m	31.01	ng		
89) Benzo(a)pyrene	15.38	252	1419544	38.57	ng		98
90) Dibenzo(a,h)anthracene	16.84	278	1189074	38.16	ng		99
91) Benzo(g,h,i)perylene	17.24	276	1151730	38.59	ng		98

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

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