Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082769.D
Acq On : 6 Nov 2015 19:00
Operator : UM/IZ
Sample : PB86421BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86421BSD

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:29 PM

Quant Time: Nov 07 03:22:51 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	6.85	152	252952	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	575037	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	325241	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	915511	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	703588	20.00	ng		-0.01
86) Perylene-d12	15.44	264	707304	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1581970	97.31	ng		0.01
7) Phenol-d6	6.49	99	1924110	89.03	ng		0.01
23) Nitrobenzene-d5	7.41	82	1524200	115.33	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	591806	158.69	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1863132	82.10	ng		0.00
78) Terphenyl-d14	12.96	244	2473570	83.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	232498	33.14	ng		97
3) Pyridine	3.23	79	735238	36.12	ng		94
4) n-Nitrosodimethylamine	3.17	42	328193	32.51	ng	#	72
6) Aniline	6.51	93	486413	16.03	ng		97
8) 2-Chlorophenol	6.64	128	559065	31.02	ng		89
9) Benzaldehyde	6.38	77	62878	5.27	ng		90
10) Phenol	6.50	94	751540	30.65	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	634894	34.62	ng	#	83
12) 1,3-Dichlorobenzene	6.80	146	696333	34.26	ng	#	81
13) 1,4-Dichlorobenzene	6.86	146	696334	32.93	ng		97
14) 1,2-Dichlorobenzene	7.02	146	697231	36.25	ng		98
15) Benzyl Alcohol	6.99	79	623585	32.85	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1107579	41.17	ng		96
17) 2-Methylphenol	7.10	107	582626	38.17	ng		97
18) Hexachloroethane	7.37	117	262366	34.69	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	537844	33.85	ng		90
20) 3+4-Methylphenols	7.26	107	717841	36.17	ng		95
22) Acetophenone	7.26	105	949721	57.64	ng	#	92
24) Nitrobenzene	7.44	77	815402	60.33	ng		97
25) Isophorone	7.68	82	1252080	51.20	ng		97
26) 2-Nitrophenol	7.76	139	256376	45.45	ng	#	57
27) 2,4-Dimethylphenol	7.79	122	424892	41.92	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	574486	41.65	ng		99
29) 2,4-Dichlorophenol	8.00	162	404704	44.18	ng		95
30) 1,2,4-Trichlorobenzene	8.08	180	379155	36.80	ng		98
31) Naphthalene	8.16	128	1147370	36.16	ng		99
32) Benzoic acid	7.92	122	265224	38.22	ng		92
33) 4-Chloroaniline	8.20	127	173173	12.67	ng		93
34) Hexachlorobutadiene	8.28	225	242927	37.68	ng		99
35) Caprolactam	8.57	113	139205m	48.20	ng		
36) 4-Chloro-3-methylphenol	8.69	107	426538	39.59	ng		91
37) 2-Methylnaphthalene	8.85	142	869926	42.39	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	413606	38.70	ng		98
40) Hexachlorocyclopentadiene	9.01	237	522635	91.02	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	286755	35.94	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	294368	37.31	ng	#	87
45) 1,1'-Biphenyl	9.32	154	1006660	36.07	ng		97
46) 2-Chloronaphthalene	9.33	162	806246	37.04	ng		93
47) 2-Nitroaniline	9.42	65	300129	37.16	ng		92
48) Acenaphthylene	9.76	152	1336194	39.16	ng		99
49) Dimethylphthalate	9.62	163	983050	36.89	ng		99
50) 2,6-Dinitrotoluene	9.68	165	228512	40.19	ng		92
51) Acenaphthene	9.93	154	1006451	46.54	ng		99
52) 3-Nitroaniline	9.84	138	100211	16.03	ng		91
53) 2,4-Dinitrophenol	9.95	184	279986	89.69	ng	#	20
54) Dibenzofuran	10.10	168	1213539	41.63	ng		93
55) 4-Nitrophenol	10.01	139	337784	70.41	ng	#	86
56) 2,4-Dinitrotoluene	10.08	165	262238	33.99	ng	#	92
57) Fluorene	10.44	166	1356783	57.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	327490	50.85	ng	#	90
59) Diethylphthalate	10.32	149	1415554	54.41	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	596969	50.53	ng	#	84
61) 4-Nitroaniline	10.45	138	305436	48.57	ng	#	78
62) Azobenzene	10.59	77	1664009	59.54	ng		92
64) 4,6-Dinitro-2-methylphenol	10.49	198	284086	43.56	ng		98
65) n-Nitrosodiphenylamine	10.56	169	1260247	38.10	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	401759	36.44	ng	#	81
67) Hexachlorobenzene	10.99	284	444230	36.09	ng	#	76
68) Atrazine	11.08	200	418186	40.89	ng		96
69) Pentachlorophenol	11.18	266	584397	78.18	ng		99
70) Phenanthrene	11.40	178	2096572	39.43	ng		99
71) Anthracene	11.45	178	1875608	33.49	ng		99
72) Carbazole	11.60	167	1879264	38.33	ng		98
73) Di-n-butylphthalate	11.94	149	2137732	35.00	ng		99
74) Fluoranthene	12.58	202	2058682	36.08	ng		95
76) Benzidine	12.71	184	620405	26.31	ng		98
77) Pyrene	12.81	202	2078279	43.01	ng		99
79) Butylbenzylphthalate	13.44	149	943254	44.19	ng		99
80) Benzo(a)anthracene	14.00	228	1840327	41.83	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	426330	27.26	ng	#	98
82) Chrysene	14.04	228	1876901	46.58	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	1302480	44.58	ng	#	97
84) Di-n-octyl phthalate	14.61	149	2162340	44.37	ng		98
85) Indeno(1,2,3-cd)pyrene	16.82	276	1537281	44.29	ng	#	95
87) Benzo(b)fluoranthene	15.03	252	2098170m	46.21	ng		
88) Benzo(k)fluoranthene	15.06	252	1213241m	30.12	ng		
89) Benzo(a)pyrene	15.38	252	1563820	39.76	ng		98
90) Dibenzo(a,h)anthracene	16.84	278	1289720	38.72	ng	#	98
91) Benzo(g,h,i)perylene	17.24	276	1258150	39.44	ng	#	95

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

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