Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090720.D
Acq On : 21 Oct 2016 19:58
Operator : UM/SJ
Sample : PB94262BS
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Manual Integrations APPROVED
sohil
10/24/2016 3:52:16 PM

Quant Time: Oct 24 10:54:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	244201	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1026336	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	544279	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	780789	20.00	ng		0.00
75) Chrysene-d12	14.03	240	663793	20.00	ng		0.01
86) Perylene-d12	15.46	264	474023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2034815	134.38	ng		0.02
7) Phenol-d6	6.51	99	2683150	130.82	ng		0.01
23) Nitrobenzene-d5	7.42	82	1922451	102.74	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	730940	169.67	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	3367890	96.06	ng		0.00
78) Terphenyl-d14	12.98	244	2995572	103.43	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	315338	35.99	ng	#	80
3) Pyridine	3.33	79	799854	38.96	ng	#	76
4) n-Nitrosodimethylamine	3.30	42	320008	45.56	ng	#	77
6) Aniline	6.53	93	600402	25.82	ng	#	82
8) 2-Chlorophenol	6.65	128	784877	43.18	ng		91
9) Benzaldehyde	6.41	77	195495	17.43	ng	#	78
10) Phenol	6.52	94	1083792	47.01	ng		73
11) bis(2-Chloroethyl)ether	6.60	93	882468	45.56	ng		93
12) 1,3-Dichlorobenzene	6.79	146	817425	44.77	ng	#	91
13) 1,4-Dichlorobenzene	6.87	146	877300	45.30	ng	#	93
14) 1,2-Dichlorobenzene	7.03	146	850438	44.86	ng		96
15) Benzyl Alcohol	7.00	79	656510	47.13	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1032033	35.57	ng		66
17) 2-Methylphenol	7.13	107	681225	49.74	ng	#	82
18) Hexachloroethane	7.37	117	323756	41.18	ng		88
19) n-Nitroso-di-n-propylamine	7.29	70	605982	39.67	ng	#	68
20) 3+4-Methylphenols	7.27	107	712599	43.90	ng	#	64
22) Acetophenone	7.27	105	1040457	45.49	ng	#	83
24) Nitrobenzene	7.45	77	938775	46.28	ng	#	70
25) Isophorone	7.69	82	1691488	47.75	ng	#	90
26) 2-Nitrophenol	7.77	139	455091	54.91	ng	#	80
27) 2,4-Dimethylphenol	7.80	122	582450	39.64	ng	#	80
28) bis(2-Chloroethoxy)methane	7.90	93	1049189	54.14	ng	#	96
29) 2,4-Dichlorophenol	8.01	162	654240	54.25	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	723416	50.97	ng		97
31) Naphthalene	8.17	128	2382988	47.47	ng		96
32) Benzoic acid	7.95	122	370868	37.72	ng	#	67
33) 4-Chloroaniline	8.22	127	319250	17.15	ng	#	94
34) Hexachlorobutadiene	8.28	225	410537	51.45	ng		98
35) Caprolactam	8.60	113	217699m	63.20	ng		
36) 4-Chloro-3-methylphenol	8.71	107	694229	49.49	ng		92
37) 2-Methylnaphthalene	8.86	142	1616046	55.08	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	676164	46.01	ng		99
40) Hexachlorocyclopentadiene	9.01	237	791399	114.70	ng		95

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42) 2,4,6-Trichlorophenol	9.14	196	469889	51.56	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	443830	47.99	ng	#	92
45) 1,1'-Biphenyl	9.32	154	1785625	41.78	ng		90
46) 2-Chloronaphthalene	9.34	162	1500519	47.23	ng	#	89
47) 2-Nitroaniline	9.45	65	485339	46.02	ng	#	75
48) Acenaphthylene	9.77	152	2186981	45.11	ng		94
49) Dimethylphthalate	9.63	163	1538444	44.98	ng	#	97
50) 2,6-Dinitrotoluene	9.69	165	341254	46.40	ng	#	58
51) Acenaphthene	9.94	154	1640042	50.96	ng		89
52) 3-Nitroaniline	9.86	138	178324	21.09	ng	#	64
53) 2,4-Dinitrophenol	9.97	184	316240m	76.65	ng		
54) Dibenzofuran	10.11	168	1990122	51.05	ng	#	84
55) 4-Nitrophenol	10.03	139	548167	103.65	ng	#	49
56) 2,4-Dinitrotoluene	10.10	165	522672	58.14	ng	#	85
57) Fluorene	10.45	166	1510886	46.77	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	384171	52.93	ng		96
59) Diethylphthalate	10.33	149	1587063	44.74	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	726771	49.23	ng		91
61) 4-Nitroaniline	10.47	138	331960	38.77	ng	#	57
62) Azobenzene	10.60	77	1215582	29.26	ng		88
64) 4,6-Dinitro-2-methylphenol	10.51	198	235594	47.34	ng	#	53
65) n-Nitrosodiphenylamine	10.57	169	1208206	48.30	ng		91
66) 4-Bromophenyl-phenylether	10.93	248	460527	60.84	ng		92
67) Hexachlorobenzene	11.00	284	540862	60.55	ng	#	78
68) Atrazine	11.09	200	355889	51.55	ng		86
69) Pentachlorophenol	11.19	266	539274	90.89	ng		97
70) Phenanthrene	11.41	178	1924439	48.36	ng		94
71) Anthracene	11.46	178	1981503	44.90	ng		96
72) Carbazole	11.62	167	1729810	46.88	ng		94
73) Di-n-butylphthalate	11.95	149	1995846	41.70	ng	#	97
74) Fluoranthene	12.60	202	2111359	54.84	ng		87
76) Benzidine	12.73	184	275509	18.69	ng	#	96
77) Pyrene	12.83	202	2072109	44.70	ng		95
79) Butylbenzylphthalate	13.45	149	1045032	49.04	ng		91
80) Benzo(a)anthracene	14.02	228	1747223	48.10	ng		95
81) 3,3'-Dichlorobenzidine	13.98	252	365493	29.04	ng	#	93
82) Chrysene	14.05	228	1763872m	49.75	ng		
83) Bis(2-ethylhexyl)phthalate	14.01	149	1315185	43.14	ng	#	97
84) Di-n-octyl phthalate	14.62	149	2239103	48.39	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.88	276	1331249	43.04	ng	#	88
87) Benzo(b)fluoranthene	15.05	252	1354718m	46.48	ng		
88) Benzo(k)fluoranthene	15.08	252	1578799m	53.90	ng		
89) Benzo(a)pyrene	15.40	252	1311909	47.97	ng	#	87
90) Dibenzo(a,h)anthracene	16.89	278	1128455	42.98	ng	#	81
91) Benzo(g,h,i)perylene	17.30	276	1069244	41.98	ng	#	76

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

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