Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091096.D
Acq On : 8 Nov 2016 21:44
Operator : UM/SJ
Sample : PB94606BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94606BS

Manual Integrations APPROVED
umangi
11/9/2016 10:56:51 AM

Quant Time: Nov 09 02:33:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	166137	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	718477	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	377030	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	603765	20.00	ng		0.00
75) Chrysene-d12	13.81	240	548883	20.00	ng		0.00
86) Perylene-d12	15.19	264	371707	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1282198	127.46	ng		0.02
7) Phenol-d6	6.33	99	1700505	124.54	ng		0.01
23) Nitrobenzene-d5	7.23	82	1098598	83.41	ng		-0.01
41) 2,4,6-Tribromophenol	10.50	330	441860	129.63	ng		0.01
44) 2-Fluorobiphenyl	9.02	172	1846314	84.31	ng		-0.01
78) Terphenyl-d14	12.76	244	1708979	77.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	176567	30.68	ng		96
3) Pyridine	2.88	79	505653	37.56	ng		98
4) n-Nitrosodimethylamine	2.83	42	212403	39.89	ng		98
6) Aniline	6.33	93	401696	24.94	ng	#	66
8) 2-Chlorophenol	6.45	128	503631	41.97	ng		85
9) Benzaldehyde	6.21	77	45955	6.06	ng		97
10) Phenol	6.34	94	576670	38.16	ng	#	57
11) bis(2-Chloroethyl)ether	6.41	93	526227	41.33	ng		92
12) 1,3-Dichlorobenzene	6.60	146	489016	40.29	ng		99
13) 1,4-Dichlorobenzene	6.68	146	506325	38.88	ng		98
14) 1,2-Dichlorobenzene	6.83	146	496982	41.59	ng		98
15) Benzyl Alcohol	6.82	79	411716	42.75	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	689695	37.83	ng		97
17) 2-Methylphenol	6.94	107	412351	43.41	ng		96
18) Hexachloroethane	7.17	117	205051	40.69	ng		97
19) n-Nitroso-di-n-propylamine	7.09	70	415388	43.90	ng	#	92
20) 3+4-Methylphenols	7.10	107	538406	47.21	ng		98
22) Acetophenone	7.08	105	706677	42.72	ng	#	95
24) Nitrobenzene	7.25	77	583167	40.09	ng		97
25) Isophorone	7.49	82	1040435	41.00	ng		99
26) 2-Nitrophenol	7.57	139	270283	43.91	ng	#	77
27) 2,4-Dimethylphenol	7.62	122	409506	40.23	ng		96
28) bis(2-Chloroethoxy)methane	7.71	93	611217	44.08	ng		99
29) 2,4-Dichlorophenol	7.82	162	369611	41.60	ng		92
30) 1,2,4-Trichlorobenzene	7.89	180	401358	40.18	ng		98
31) Naphthalene	7.97	128	1433260	41.71	ng		100
32) Benzoic acid	7.78	122	232363	31.24	ng		93
33) 4-Chloroaniline	8.03	127	227884	15.95	ng	#	93
34) Hexachlorobutadiene	8.09	225	212180	39.35	ng		100
35) Caprolactam	8.41	113	134539m	48.20	ng		
36) 4-Chloro-3-methylphenol	8.53	107	483624	44.96	ng		92
37) 2-Methylnaphthalene	8.66	142	875417	39.63	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	398438	41.45	ng		99
40) Hexachlorocyclopentadiene	8.82	237	356121	94.18	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	258271	41.62	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	279286	42.87	ng		96
45) 1,1'-Biphenyl	9.13	154	1117388	40.59	ng		99
46) 2-Chloronaphthalene	9.15	162	909530	43.51	ng		100
47) 2-Nitroaniline	9.25	65	321569	41.46	ng		88
48) Acenaphthylene	9.56	152	1335044	40.99	ng		100
49) Dimethylphthalate	9.44	163	1012175	40.94	ng		100
50) 2,6-Dinitrotoluene	9.50	165	224638	42.40	ng	#	50
51) Acenaphthene	9.73	154	821060	40.15	ng		99
52) 3-Nitroaniline	9.66	138	140361	22.34	ng		94
53) 2,4-Dinitrophenol	9.78	184	175774	62.40	ng	#	74
54) Dibenzofuran	9.90	168	1131219	41.09	ng		99
55) 4-Nitrophenol	9.86	139	302664	72.88	ng	#	74
56) 2,4-Dinitrotoluene	9.90	165	307999	45.69	ng	#	81
57) Fluorene	10.25	166	934575	41.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	232345	45.52	ng		96
59) Diethylphthalate	10.13	149	999587	39.44	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	447465	43.69	ng		99
61) 4-Nitroaniline	10.28	138	236549	37.22	ng		92
62) Azobenzene	10.40	77	1294926	43.40	ng		82
64) 4,6-Dinitro-2-methylphenol	10.32	198	154046	41.67	ng		70
65) n-Nitrosodiphenylamine	10.36	169	835420	43.53	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	259545	41.33	ng		94
67) Hexachlorobenzene	10.80	284	342833	49.50	ng	#	90
68) Atrazine	10.90	200	255658	46.18	ng		96
69) Pentachlorophenol	10.99	266	263664	85.95	ng		98
70) Phenanthrene	11.21	178	1525895	47.54	ng		100
71) Anthracene	11.25	178	1401310	41.07	ng		99
72) Carbazole	11.41	167	1244579	40.47	ng		100
73) Di-n-butylphthalate	11.76	149	1782685	46.10	ng		100
74) Fluoranthene	12.38	202	1378960	41.43	ng		97
76) Benzidine	12.52	184	649131	52.94	ng		97
77) Pyrene	12.61	202	1475938	41.06	ng		100
79) Butylbenzylphthalate	13.24	149	735808	42.79	ng		93
80) Benzo(a)anthracene	13.80	228	1229968	39.47	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	187881	17.16	ng	#	97
82) Chrysene	13.84	228	1186401	38.61	ng		98
83) Bis(2-ethylhexyl)phthalate	13.80	149	904538	38.87	ng	#	99
84) Di-n-octyl phthalate	14.42	149	1702283	44.49	ng		97
85) Indeno(1,2,3-cd)pyrene	16.48	276	905402	35.51	ng		98
87) Benzo(b)fluoranthene	14.81	252	1130746m	44.85	ng		
88) Benzo(k)fluoranthene	14.83	252	906992m	41.01	ng		
89) Benzo(a)pyrene	15.13	252	912521	41.58	ng	#	97
90) Dibenzo(a,h)anthracene	16.49	278	771126	40.64	ng	#	96
91) Benzo(g,h,i)perylene	16.85	276	696405	40.59	ng		99

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

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