Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091083.D
Acq On : 8 Nov 2016 15:46
Operator : UM/SJ
Sample : PB94597BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94597BS

Manual Integrations APPROVED

Quant Time: Nov 09 01:22:54 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

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11/9/2016 10:56:49 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	176014	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	702421	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	382764	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	612151	20.00	ng		0.01
75) Chrysene-d12	13.81	240	597156	20.00	ng		0.00
86) Perylene-d12	15.19	264	365835	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1423829	133.60	ng		0.02
7) Phenol-d6	6.33	99	1861551	128.69	ng		0.01
23) Nitrobenzene-d5	7.24	82	1224111	95.07	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	501028	144.79	ng		0.01
44) 2-Fluorobiphenyl	9.04	172	1885931	84.83	ng		0.00
78) Terphenyl-d14	12.76	244	1854460	77.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	175276	28.75	ng	#	94
3) Pyridine	2.85	79	500136	35.07	ng		99
4) n-Nitrosodimethylamine	2.82	42	224131	39.73	ng		90
6) Aniline	6.34	93	114631	6.72	ng	#	1
8) 2-Chlorophenol	6.45	128	548249	43.13	ng		89
9) Benzaldehyde	6.21	77	58645	7.30	ng		93
10) Phenol	6.34	94	702569	43.88	ng	#	56
11) bis(2-Chloroethyl)ether	6.41	93	599915	44.47	ng		93
12) 1,3-Dichlorobenzene	6.60	146	539559	41.96	ng		97
13) 1,4-Dichlorobenzene	6.68	146	551814	40.00	ng		98
14) 1,2-Dichlorobenzene	6.83	146	497630	39.31	ng		97
15) Benzyl Alcohol	6.82	79	406129	39.80	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	727532	37.66	ng		94
17) 2-Methylphenol	6.94	107	439822	43.70	ng		98
18) Hexachloroethane	7.17	117	215377	40.34	ng		93
19) n-Nitroso-di-n-propylamine	7.09	70	436170	43.51	ng		94
20) 3+4-Methylphenols	7.10	107	560115	46.35	ng		98
22) Acetophenone	7.08	105	746901	46.18	ng	#	95
24) Nitrobenzene	7.25	77	583755	41.05	ng		95
25) Isophorone	7.49	82	939394	37.86	ng		100
26) 2-Nitrophenol	7.57	139	274844	45.67	ng	#	75
27) 2,4-Dimethylphenol	7.63	122	408076	41.00	ng		95
28) bis(2-Chloroethoxy)methane	7.71	93	569178	41.99	ng		99
29) 2,4-Dichlorophenol	7.82	162	388624	44.74	ng		92
30) 1,2,4-Trichlorobenzene	7.89	180	407142	41.69	ng		99
31) Naphthalene	7.97	128	1353041	40.28	ng		100
32) Benzoic acid	7.76	122	147520	22.06	ng		95
33) 4-Chloroaniline	8.05	127	49407	3.54	ng		97
34) Hexachlorobutadiene	8.10	225	225859	42.85	ng		97
35) Caprolactam	8.41	113	70042m	25.67	ng		
36) 4-Chloro-3-methylphenol	8.52	107	401752	38.21	ng		92
37) 2-Methylnaphthalene	8.67	142	860607m	39.85	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	391303	40.10	ng		99
40) Hexachlorocyclopentadiene	8.82	237	300491	79.44	ng		99

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42) 2,4,6-Trichlorophenol	8.94	196	259131	41.13	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	291550	44.08	ng	#	93
45) 1,1'-Biphenyl	9.13	154	1035814	37.06	ng		99
46) 2-Chloronaphthalene	9.15	162	832708	39.24	ng		99
47) 2-Nitroaniline	9.25	65	248241	31.52	ng		98
48) Acenaphthylene	9.56	152	1274178	38.53	ng		100
49) Dimethylphthalate	9.44	163	957199	38.14	ng		100
50) 2,6-Dinitrotoluene	9.50	165	231517	43.04	ng	#	47
51) Acenaphthene	9.73	154	791607	38.13	ng		99
52) 3-Nitroaniline	9.66	138	65214	10.22	ng		94
53) 2,4-Dinitrophenol	9.78	184	238540	81.30	ng	#	81
54) Dibenzofuran	9.90	168	1166564	41.74	ng		99
55) 4-Nitrophenol	9.85	139	295441	70.30	ng		98
56) 2,4-Dinitrotoluene	9.90	165	309017	45.15	ng	#	82
57) Fluorene	10.25	166	941239	41.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	240199	46.35	ng		98
59) Diethylphthalate	10.13	149	998695	38.81	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	478484	46.02	ng		99
61) 4-Nitroaniline	10.28	138	179499	27.82	ng		99
62) Azobenzene	10.41	77	1270794	41.95	ng		99
64) 4,6-Dinitro-2-methylphenol	10.32	198	166096	44.31	ng		85
65) n-Nitrosodiphenylamine	10.36	169	796356	40.93	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	268221	42.12	ng		93
67) Hexachlorobenzene	10.80	284	342390	48.76	ng	#	88
68) Atrazine	10.90	200	225869	40.24	ng		100
69) Pentachlorophenol	10.99	266	303932	97.72	ng		98
70) Phenanthrene	11.21	178	1373737	42.21	ng		99
71) Anthracene	11.25	178	1238369	35.79	ng		99
72) Carbazole	11.41	167	1090036	34.96	ng		99
73) Di-n-butylphthalate	11.76	149	1530799	39.04	ng		99
74) Fluoranthene	12.38	202	1259070	37.31	ng		96
77) Pyrene	12.61	202	1339332	34.25	ng		99
79) Butylbenzylphthalate	13.24	149	442461	23.65	ng	#	82
80) Benzo(a)anthracene	13.80	228	1226048	36.16	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	25303	2.12	ng	#	95
82) Chrysene	13.84	228	1197671	35.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	869936	34.36	ng		99
84) Di-n-octyl phthalate	14.42	149	1538225	36.96	ng		96
85) Indeno(1,2,3-cd)pyrene	16.48	276	936401	33.76	ng		99
87) Benzo(b)fluoranthene	14.81	252	1116978m	45.02	ng		
88) Benzo(k)fluoranthene	14.83	252	960898m	44.15	ng		
89) Benzo(a)pyrene	15.13	252	886809	41.05	ng	#	96
90) Dibenzo(a,h)anthracene	16.49	278	806303	43.18	ng		97
91) Benzo(g,h,i)perylene	16.85	276	715050	42.34	ng		100

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

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