Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091125.D
Acq On : 9 Nov 2016 15:45
Operator : UM/SJ
Sample : PB94612BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 09 22:52:18 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

Instrument :
BNA_F
ClientSampleId :
PB94612BS

Manual Integrations APPROVED
Sohil
11/10/2016 8:39:33 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	187145	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	752007	20.00	ng		-0.01
38) Acenaphthene-d10	9.70	164	409176	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	663096	20.00	ng		0.00
75) Chrysene-d12	13.80	240	544530	20.00	ng		-0.01
86) Perylene-d12	15.17	264	318811	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1422416	125.53	ng		0.02
7) Phenol-d6	6.32	99	1896076	123.28	ng		0.00
23) Nitrobenzene-d5	7.23	82	1179723	85.58	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	470488	127.19	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1873566	78.83	ng		-0.01
78) Terphenyl-d14	12.76	244	2100255	96.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	195834	30.21	ng		97
3) Pyridine	2.86	79	437969	28.88	ng		96
4) n-Nitrosodimethylamine	2.82	42	226626	37.78	ng		92
6) Aniline	6.40	93	684747	37.74	ng	#	47
8) 2-Chlorophenol	6.44	128	536814	39.71	ng		100
9) Benzaldehyde	6.20	77	56867	6.66	ng		93
10) Phenol	6.34	94	575479	33.81	ng	#	51
11) bis(2-Chloroethyl)ether	6.40	93	684747	47.74	ng		97
12) 1,3-Dichlorobenzene	6.59	146	514425m	37.63	ng		
13) 1,4-Dichlorobenzene	6.67	146	539895m	36.81	ng		
14) 1,2-Dichlorobenzene	6.83	146	512907	38.10	ng		95
15) Benzyl Alcohol	6.82	79	457408	42.16	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	6.94	45	675458	32.89	ng		60
17) 2-Methylphenol	6.94	107	416449	38.92	ng	#	88
18) Hexachloroethane	7.16	117	208352	36.70	ng	#	85
19) n-Nitroso-di-n-propylamine	7.08	70	417024	39.13	ng		98
20) 3+4-Methylphenols	7.09	107	566396	44.09	ng		92
22) Acetophenone	7.08	105	767985	44.35	ng	#	93
24) Nitrobenzene	7.25	77	612601	40.24	ng		92
25) Isophorone	7.49	82	1122556	42.26	ng		96
26) 2-Nitrophenol	7.56	139	273464	42.44	ng		91
27) 2,4-Dimethylphenol	7.62	122	465223	43.66	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	687444	47.37	ng		100
29) 2,4-Dichlorophenol	7.81	162	409845	44.07	ng		96
30) 1,2,4-Trichlorobenzene	7.89	180	444799	42.54	ng		98
31) Naphthalene	7.96	128	1442526	40.11	ng		99
32) Benzoic acid	7.76	122	161785	22.48	ng		99
33) 4-Chloroaniline	8.04	127	82321	5.50	ng		95
34) Hexachlorobutadiene	8.09	225	258044	45.72	ng		99
35) Caprolactam	8.41	113	75666m	25.90	ng		
36) 4-Chloro-3-methylphenol	8.52	107	484531	43.04	ng		94
37) 2-Methylnaphthalene	8.66	142	1021147	44.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	441958	42.36	ng		99
40) Hexachlorocyclopentadiene	8.81	237	265525	66.86	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	294553	43.74	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	294244	41.61	ng	#	85
45) 1,1'-Biphenyl	9.13	154	1187073	39.73	ng		96
46) 2-Chloronaphthalene	9.15	162	937784	41.34	ng		94
47) 2-Nitroaniline	9.25	65	337183	40.05	ng		90
48) Acenaphthylene	9.56	152	1396784	39.51	ng		99
49) Dimethylphthalate	9.44	163	1113713	41.51	ng		99
50) 2,6-Dinitrotoluene	9.49	165	230486	40.08	ng		89
51) Acenaphthene	9.73	154	880242	39.66	ng		99
52) 3-Nitroaniline	9.66	138	84480	12.39	ng		92
53) 2,4-Dinitrophenol	9.78	184	230028	73.96	ng		97
54) Dibenzofuran	9.90	168	1318145	44.12	ng		94
55) 4-Nitrophenol	9.85	139	282967	63.58	ng		97
56) 2,4-Dinitrotoluene	9.90	165	337750	46.17	ng		96
57) Fluorene	10.25	166	998633	40.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	242857	43.84	ng		96
59) Diethylphthalate	10.13	149	1136348	41.31	ng		99
60) 4-Chlorophenyl-phenylether	10.24	204	441844	39.76	ng	#	84
61) 4-Nitroaniline	10.28	138	179158	25.97	ng		95
62) Azobenzene	10.40	77	1239673	38.28	ng		89
64) 4,6-Dinitro-2-methylphenol	10.30	198	152641	37.59	ng	#	16
65) n-Nitrosodiphenylamine	10.36	169	857393	40.68	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	304354	44.13	ng	#	71
67) Hexachlorobenzene	10.78	284	295457	38.84	ng	#	83
68) Atrazine	10.89	200	171490	28.20	ng		93
69) Pentachlorophenol	10.99	266	318537	94.54	ng		99
70) Phenanthrene	11.20	178	1356499	38.48	ng		99
71) Anthracene	11.25	178	1540761	41.11	ng		100
72) Carbazole	11.41	167	1353366	40.07	ng		98
73) Di-n-butylphthalate	11.74	149	1581340	37.23	ng	#	98
74) Fluoranthene	12.38	202	1554289	42.52	ng		89
77) Pyrene	12.60	202	1363328	38.23	ng		100
79) Butylbenzylphthalate	13.23	149	315560	18.50	ng		98
80) Benzo(a)anthracene	13.79	228	1219774	39.45	ng		100
81) 3,3'-Dichlorobenzidine	13.76	252	40665	3.74	ng	#	96
82) Chrysene	13.83	228	1154688	37.88	ng		98
83) Bis(2-ethylhexyl)phthalate	13.80	149	917425	39.74	ng	#	93
84) Di-n-octyl phthalate	14.41	149	1404580	37.01	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.47	276	915985	36.21	ng		97
87) Benzo(b)fluoranthene	14.80	252	995360m	46.03	ng		
88) Benzo(k)fluoranthene	14.82	252	1008693m	53.18	ng		
89) Benzo(a)pyrene	15.12	252	833239	44.26	ng	#	97
90) Dibenzo(a,h)anthracene	16.47	278	790332	48.57	ng		99
91) Benzo(g,h,i)perylene	16.84	276	721718	49.04	ng		96

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

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