Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
Data File : BF091343.D
Acq On : 30 Nov 2016 10:04
Operator : UM/SJ
Sample : PB94951BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94951BS

Manual Integrations APPROVED
sohil
12/1/2016 3:27:17 PM

Quant Time: Nov 30 17:24:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	178497	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	717020	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	399753	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	644010	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	421040	20.00	ng		-0.03
86) Perylene-d12	15.44	264	352169	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	623466	57.06	ng		0.00
7) Phenol-d6	6.49	99	845743	62.88	ng		0.00
23) Nitrobenzene-d5	7.43	82	949217	74.19	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	221794	58.61	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1672400	75.75	ng		-0.02
78) Terphenyl-d14	12.97	244	1715084	88.54	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	153220	31.00	ng	#	86
3) Pyridine	3.27	79	436565	31.21	ng		87
4) n-Nitrosodimethylamine	3.22	42	272423	37.12	ng		92
6) Aniline	6.53	93	407606	22.81	ng	#	68
8) 2-Chlorophenol	6.65	128	433611	36.20	ng		96
9) Benzaldehyde	6.40	77	129151	14.93	ng		95
10) Phenol	6.50	94	569866	36.01	ng		93
11) bis(2-Chloroethyl)ether	6.60	93	416834	36.86	ng		95
12) 1,3-Dichlorobenzene	6.80	146	454030m	34.07	ng		
13) 1,4-Dichlorobenzene	6.88	146	472567	35.65	ng		98
14) 1,2-Dichlorobenzene	7.04	146	427636m	34.64	ng		
15) Benzyl Alcohol	7.01	79	399638	37.13	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	846774	34.82	ng		71
17) 2-Methylphenol	7.12	107	356333	37.63	ng	#	76
18) Hexachloroethane	7.38	117	176828	37.57	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	310700	36.67	ng	#	96
20) 3+4-Methylphenols	7.27	107	399027	34.52	ng	#	64
22) Acetophenone	7.27	105	596536	35.10	ng	#	75
24) Nitrobenzene	7.44	77	436217	33.30	ng		94
25) Isophorone	7.69	82	863529	38.10	ng		96
26) 2-Nitrophenol	7.76	139	201827	33.81	ng		100
27) 2,4-Dimethylphenol	7.81	122	427128	38.25	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	496604	36.40	ng		99
29) 2,4-Dichlorophenol	8.00	162	340887	34.70	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	413457	37.54	ng		97
31) Naphthalene	8.17	128	1258223	36.92	ng		100
32) Benzoic acid	7.92	122	267957	32.55	ng		93
33) 4-Chloroaniline	8.22	127	95553	6.56	ng		98
34) Hexachlorobutadiene	8.30	225	244853	36.15	ng		99
35) Caprolactam	8.58	113	103392	36.62	ng		94
36) 4-Chloro-3-methylphenol	8.70	107	372091	35.08	ng		97
37) 2-Methylnaphthalene	8.86	142	817304	35.30	ng		92
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	369335	32.77	ng		99
40) Hexachlorocyclopentadiene	9.02	237	445834	85.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	269986	36.86	ng		94
43) 2,4,5-Trichlorophenol	9.18	196	263598	35.91	ng	#	88
45) 1,1'-Biphenyl	9.33	154	971870	33.81	ng		97
46) 2-Chloronaphthalene	9.35	162	727218	33.97	ng		98
47) 2-Nitroaniline	9.44	65	243367	31.65	ng	#	75
48) Acenaphthylene	9.76	152	1136520	33.73	ng		99
49) Dimethylphthalate	9.64	163	901041	37.23	ng		99
50) 2,6-Dinitrotoluene	9.69	165	207829	38.42	ng	#	59
51) Acenaphthene	9.94	154	843180	37.10	ng		95
52) 3-Nitroaniline	9.85	138	112415	17.95	ng		95
53) 2,4-Dinitrophenol	9.96	184	171820	72.62	ng	#	70
54) Dibenzofuran	10.12	168	1126632	37.02	ng	#	89
55) 4-Nitrophenol	10.01	139	289091	63.92	ng		99
56) 2,4-Dinitrotoluene	10.09	165	302848	43.15	ng		99
57) Fluorene	10.45	166	813682	34.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	244297	38.98	ng		94
59) Diethylphthalate	10.33	149	914147	38.26	ng	#	95
60) 4-Chlorophenyl-phenylether	10.45	204	408175	34.83	ng		92
61) 4-Nitroaniline	10.47	138	200802	34.15	ng		96
62) Azobenzene	10.61	77	1011197	41.48	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	135542	38.20	ng	#	72
65) n-Nitrosodiphenylamine	10.56	169	701188	35.91	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	281480	40.66	ng	#	77
67) Hexachlorobenzene	11.00	284	265886	35.55	ng	#	79
68) Atrazine	11.09	200	223252	35.30	ng		99
69) Pentachlorophenol	11.19	266	310955	70.62	ng		94
70) Phenanthrene	11.41	178	1156375	34.56	ng		100
71) Anthracene	11.46	178	1365878	41.13	ng		99
72) Carbazole	11.61	167	1068002	35.44	ng		99
73) Di-n-butylphthalate	11.96	149	1405232	41.14	ng		99
74) Fluoranthene	12.60	202	1337279	42.19	ng		98
76) Benzidine	12.71	184	344427	27.87	ng		98
77) Pyrene	12.83	202	1355387	42.42	ng		99
79) Butylbenzylphthalate	13.44	149	486795	40.68	ng		89
80) Benzo(a)anthracene	14.00	228	912041	37.04	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	191223	22.05	ng		99
82) Chrysene	14.05	228	907656	37.26	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	655146	43.20	ng	#	91
84) Di-n-octyl phthalate	14.62	149	999089	43.53	ng		96
85) Indeno(1,2,3-cd)pyrene	16.85	276	888640	39.83	ng		96
87) Benzo(b)fluoranthene	15.03	252	737920m	33.71	ng		
88) Benzo(k)fluoranthene	15.07	252	805169m	43.74	ng		
89) Benzo(a)pyrene	15.39	252	730952	37.18	ng	#	96
90) Dibenzo(a,h)anthracene	16.87	278	744116	40.93	ng	#	93
91) Benzo(g,h,i)perylene	17.27	276	784477	41.85	ng		99

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

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