Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
Data File : BF091368.D
Acq On : 30 Nov 2016 21:38
Operator : UM/SJ
Sample : PB94960BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94960BS

Manual Integrations APPROVED
sohil
12/1/2016 3:28:24 PM

Quant Time: Dec 01 01:00:34 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	197229	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	773978	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	428765	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	615475	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	397161	20.00	ng		-0.03
86) Perylene-d12	15.44	264	410484	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	821026	68.00	ng		0.00
7) Phenol-d6	6.49	99	973606	65.51	ng		0.00
23) Nitrobenzene-d5	7.43	82	1092701	79.12	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	232282	57.22	ng		-0.02
44) 2-Fluorobiphenyl	9.24	172	1978273	83.54	ng		0.00
78) Terphenyl-d14	12.97	244	1503536	82.28	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	179143	32.80	ng		86
3) Pyridine	3.29	79	546610	35.37	ng		89
4) n-Nitrosodimethylamine	3.25	42	320275	39.49	ng		95
6) Aniline	6.53	93	419256	21.24	ng	#	67
8) 2-Chlorophenol	6.65	128	509757	38.51	ng		98
9) Benzaldehyde	6.40	77	147142	15.40	ng		97
10) Phenol	6.50	94	593136	33.92	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	484439	38.77	ng		96
12) 1,3-Dichlorobenzene	6.80	146	521862m	35.44	ng		
13) 1,4-Dichlorobenzene	6.88	146	554384	37.85	ng		97
14) 1,2-Dichlorobenzene	7.04	146	504556m	36.98	ng		
15) Benzyl Alcohol	7.01	79	454973	38.25	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	998333	37.16	ng		71
17) 2-Methylphenol	7.12	107	415287	39.69	ng	#	76
18) Hexachloroethane	7.38	117	199023	38.27	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	344730	36.82	ng	#	97
20) 3+4-Methylphenols	7.27	107	486370	38.08	ng	#	66
22) Acetophenone	7.28	105	701181	38.22	ng		94
24) Nitrobenzene	7.45	77	560357	39.63	ng	#	75
25) Isophorone	7.69	82	1000627	40.90	ng		98
26) 2-Nitrophenol	7.76	139	238752	37.05	ng		98
27) 2,4-Dimethylphenol	7.81	122	501009	41.56	ng		94
28) bis(2-Chloroethoxy)methane	7.90	93	578951	39.31	ng		99
29) 2,4-Dichlorophenol	8.01	162	414046	39.05	ng		89
30) 1,2,4-Trichlorobenzene	8.09	180	468674	39.42	ng		98
31) Naphthalene	8.17	128	1441494	39.19	ng		100
32) Benzoic acid	7.92	122	288381	32.45	ng		94
33) 4-Chloroaniline	8.22	127	138143	8.79	ng		98
34) Hexachlorobutadiene	8.30	225	285743	39.09	ng		99
35) Caprolactam	8.60	113	135634	44.50	ng	#	71
36) 4-Chloro-3-methylphenol	8.70	107	447994	39.13	ng		99
37) 2-Methylnaphthalene	8.87	142	962160	38.50	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	437420	36.19	ng		99
40) Hexachlorocyclopentadiene	9.02	237	294911	52.64	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	318462m	40.54	ng		
43) 2,4,5-Trichlorophenol	9.18	196	294480m	37.41	ng		
45) 1,1'-Biphenyl	9.33	154	1055180	34.22	ng		98
46) 2-Chloronaphthalene	9.35	162	802954	34.97	ng		98
47) 2-Nitroaniline	9.44	65	277630	33.67	ng	#	73
48) Acenaphthylene	9.77	152	1332254	36.86	ng		99
49) Dimethylphthalate	9.64	163	1062771	40.94	ng		99
50) 2,6-Dinitrotoluene	9.69	165	247916	42.72	ng	#	63
51) Acenaphthene	9.94	154	905154	37.13	ng		96
52) 3-Nitroaniline	9.85	138	137676	20.50	ng		99
53) 2,4-Dinitrophenol	9.96	184	110055	43.37	ng	#	81
54) Dibenzofuran	10.12	168	1236025	37.87	ng	#	89
55) 4-Nitrophenol	10.01	139	288394	59.45	ng		97
56) 2,4-Dinitrotoluene	10.09	165	333715	44.33	ng		98
57) Fluorene	10.46	166	895398	35.73	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	256230	38.12	ng		95
59) Diethylphthalate	10.33	149	1015210	39.61	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	450265	35.82	ng		92
61) 4-Nitroaniline	10.47	138	193031	30.61	ng		91
62) Azobenzene	10.61	77	1103321	42.19	ng		93
64) 4,6-Dinitro-2-methylphenol	10.49	198	92256	27.21	ng	#	70
65) n-Nitrosodiphenylamine	10.56	169	742937	39.81	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	299705	45.30	ng	#	78
67) Hexachlorobenzene	11.00	284	272339	38.10	ng	#	78
68) Atrazine	11.09	200	236426	39.12	ng		98
69) Pentachlorophenol	11.19	266	288569	68.57	ng		95
70) Phenanthrene	11.41	178	1159771	36.26	ng		99
71) Anthracene	11.46	178	1330018	41.90	ng		99
72) Carbazole	11.61	167	1023626	35.54	ng		98
73) Di-n-butylphthalate	11.96	149	1456634	44.62	ng		99
74) Fluoranthene	12.60	202	1177932	38.88	ng		98
76) Benzidine	12.71	184	390089	33.46	ng		98
77) Pyrene	12.83	202	1140414	37.84	ng		98
79) Butylbenzylphthalate	13.44	149	455228	40.33	ng		89
80) Benzo(a)anthracene	14.00	228	892413	38.42	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	280992	34.34	ng	#	98
82) Chrysene	14.05	228	884336	38.48	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	621335	43.43	ng	#	91
84) Di-n-octyl phthalate	14.62	149	1079868	49.88	ng		97
85) Indeno(1,2,3-cd)pyrene	16.85	276	838525	39.84	ng		95
87) Benzo(b)fluoranthene	15.04	252	1074770m	42.12	ng		
88) Benzo(k)fluoranthene	15.07	252	738855m	34.44	ng		
89) Benzo(a)pyrene	15.39	252	875822	38.22	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	698137	32.94	ng	#	94
91) Benzo(g,h,i)perylene	17.27	276	660385	30.22	ng		100

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

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