Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090673.D
Acq On : 20 Oct 2016 4:22
Operator : UM/SJ
Sample : PB94170BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94170BSD

Manual Integrations APPROVED
sohil
10/20/2016 6:40:12 PM

Quant Time: Oct 20 13:04:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	241720	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1112405	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	563715	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	822837	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	553151	20.00	ng		-0.01
86) Perylene-d12	15.50	264	475142	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	896976	68.03	ng		0.00
7) Phenol-d6	6.52	99	1228977	62.73	ng		-0.01
23) Nitrobenzene-d5	7.46	82	1285822	64.21	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	227588	45.28	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1946392	56.89	ng		-0.01
78) Terphenyl-d14	13.00	244	1488636	62.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	191613	25.50	ng		95
3) Pyridine	3.30	79	566813m	33.65	ng		
4) n-Nitrosodimethylamine	3.24	42	199899	35.37	ng		94
6) Aniline	6.54	93	617144	26.07	ng	#	77
8) 2-Chlorophenol	6.67	128	542411	31.72	ng		97
9) Benzaldehyde	6.43	77	122115	9.80	ng		95
10) Phenol	6.53	94	658925	29.41	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	600477	32.48	ng		97
12) 1,3-Dichlorobenzene	6.83	146	529424	31.05	ng		96
13) 1,4-Dichlorobenzene	6.91	146	534096	28.80	ng		98
14) 1,2-Dichlorobenzene	7.06	146	564925	32.59	ng		100
15) Benzyl Alcohol	7.03	79	458239	34.34	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	803552	30.88	ng		93
17) 2-Methylphenol	7.15	107	457173	34.31	ng		97
18) Hexachloroethane	7.40	117	218102	29.76	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	450519	33.54	ng		97
20) 3+4-Methylphenols	7.30	107	550460	34.08	ng		94
22) Acetophenone	7.30	105	747358	30.41	ng		96
24) Nitrobenzene	7.47	77	605951	29.48	ng		97
25) Isophorone	7.71	82	1151001	31.58	ng		99
26) 2-Nitrophenol	7.79	139	262151	28.12	ng		97
27) 2,4-Dimethylphenol	7.83	122	503002	32.51	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	714741	33.21	ng		99
29) 2,4-Dichlorophenol	8.03	162	395310	29.17	ng		89
30) 1,2,4-Trichlorobenzene	8.12	180	447110	28.17	ng		100
31) Naphthalene	8.20	128	1636330	28.88	ng		100
32) Benzoic acid	7.94	122	120790	12.71	ng		94
33) 4-Chloroaniline	8.25	127	453265	20.93	ng		96
34) Hexachlorobutadiene	8.31	225	249380	28.12	ng		98
35) Caprolactam	8.61	113	122848	32.48	ng	#	83
36) 4-Chloro-3-methylphenol	8.73	107	463357	29.63	ng		99
37) 2-Methylnaphthalene	8.89	142	970445	29.16	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	462305	30.93	ng		99
40) Hexachlorocyclopentadiene	9.05	237	331851	45.45	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	273963	32.50	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	265212m	26.37	ng		
45) 1,1'-Biphenyl	9.35	154	1271700	29.65	ng		100
46) 2-Chloronaphthalene	9.38	162	968034	30.27	ng		100
47) 2-Nitroaniline	9.48	65	343369	29.61	ng		89
48) Acenaphthylene	9.79	152	1386697	27.23	ng		100
49) Dimethylphthalate	9.65	163	1015924	27.78	ng		100
50) 2,6-Dinitrotoluene	9.72	165	244536	30.56	ng		98
51) Acenaphthene	9.96	154	899280	26.56	ng		99
52) 3-Nitroaniline	9.89	138	226736	22.58	ng		92
53) 2,4-Dinitrophenol	9.99	184	48365	16.02	ng		88
54) Dibenzofuran	10.14	168	1226902	27.55	ng		98
55) 4-Nitrophenol	10.05	139	251657	41.64	ng		96
56) 2,4-Dinitrotoluene	10.12	165	322822	29.70	ng		96
57) Fluorene	10.47	166	995346	27.10	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	207037	24.72	ng		97
59) Diethylphthalate	10.35	149	1087100	29.31	ng		99
60) 4-Chlorophenyl-phenylether	10.47	204	499350	28.84	ng		97
61) 4-Nitroaniline	10.51	138	250221	24.85	ng		96
62) Azobenzene	10.63	77	1401743	32.67	ng		98
64) 4,6-Dinitro-2-methylphenol	10.53	198	43188	8.67	ng		88
65) n-Nitrosodiphenylamine	10.59	169	827864	30.46	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	250149	28.33	ng		97
67) Hexachlorobenzene	11.02	284	268421	28.00	ng		91
68) Atrazine	11.11	200	223055	29.67	ng		98
69) Pentachlorophenol	11.23	266	189446	39.87	ng		98
70) Phenanthrene	11.45	178	1321453	30.08	ng		100
71) Anthracene	11.49	178	1352880	28.62	ng		99
72) Carbazole	11.65	167	1176658	27.81	ng		100
73) Di-n-butylphthalate	11.98	149	1617431	32.63	ng		99
74) Fluoranthene	12.62	202	1066230	24.13	ng		90
76) Benzidine	12.76	184	277578	20.17	ng		96
77) Pyrene	12.85	202	1049027	28.63	ng		100
79) Butylbenzylphthalate	13.48	149	601159	37.04	ng		96
80) Benzo(a)anthracene	14.04	228	929488	29.52	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	252251	23.45	ng	#	96
82) Chrysene	14.09	228	950851	31.34	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	844798	38.58	ng		100
84) Di-n-octyl phthalate	14.65	149	1239846	42.23	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.94	276	765522	43.64	ng		98
87) Benzo(b)fluoranthene	15.08	252	928786	29.87	ng		98
88) Benzo(k)fluoranthene	15.12	252	768010m	22.96	ng		
89) Benzo(a)pyrene	15.45	252	804791	28.27	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	670170	30.87	ng		98
91) Benzo(g,h,i)perylene	17.37	276	581605	28.10	ng		99

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

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