Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090668.D
Acq On : 20 Oct 2016 00:41
Operator : UM/SJ
Sample : PB94179BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94179BS

Manual Integrations APPROVED
Sohil
10/20/2016 10:37:01 AM

Quant Time: Oct 20 02:22:08 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	239736	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1086742	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	524490	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	794818	20.00	ng		0.00
75) Chrysene-d12	14.06	240	525504	20.00	ng		0.00
86) Perylene-d12	15.50	264	453444	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1675653	128.14	ng		0.01
7) Phenol-d6	6.53	99	2250836	115.83	ng		0.00
23) Nitrobenzene-d5	7.46	82	1485023	75.91	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	498903	106.69	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	2292322	72.01	ng		-0.01
78) Terphenyl-d14	13.00	244	1816256	80.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	249355	33.46	ng		97
3) Pyridine	3.30	79	701562	42.00	ng		94
4) n-Nitrosodimethylamine	3.25	42	293943	48.99	ng		94
6) Aniline	6.57	93	136873	5.83	ng	#	87
8) 2-Chlorophenol	6.68	128	732886	43.22	ng		83
9) Benzaldehyde	6.43	77	152220	12.32	ng		91
10) Phenol	6.54	94	824650	37.11	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	737872	40.24	ng		95
12) 1,3-Dichlorobenzene	6.83	146	705158	41.70	ng		99
13) 1,4-Dichlorobenzene	6.91	146	711904	38.71	ng		99
14) 1,2-Dichlorobenzene	7.06	146	690094	40.14	ng		99
15) Benzyl Alcohol	7.03	79	615226	46.48	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1108961	42.98	ng		92
17) 2-Methylphenol	7.15	107	571763	43.27	ng		99
18) Hexachloroethane	7.40	117	275566	37.91	ng		99
19) n-Nitroso-di-n-propylamine	7.31	70	581148	43.62	ng	#	94
20) 3+4-Methylphenols	7.31	107	722354	45.09	ng	#	74
22) Acetophenone	7.30	105	965391	40.21	ng	#	93
24) Nitrobenzene	7.47	77	758152	37.76	ng		98
25) Isophorone	7.72	82	1471706	41.33	ng	#	91
26) 2-Nitrophenol	7.79	139	325772	35.77	ng		99
27) 2,4-Dimethylphenol	7.83	122	645119	42.68	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	883265	42.01	ng		99
29) 2,4-Dichlorophenol	8.04	162	549022	41.47	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	592895	38.23	ng		99
31) Naphthalene	8.20	128	2057318	37.16	ng		99
32) Benzoic acid	7.95	122	209173	22.53	ng		97
33) 4-Chloroaniline	8.28	127	83655	3.95	ng	#	92
34) Hexachlorobutadiene	8.31	225	316272	36.51	ng		100
35) Caprolactam	8.62	113	120510	32.62	ng		98
36) 4-Chloro-3-methylphenol	8.74	107	605746	39.65	ng	#	83
37) 2-Methylnaphthalene	8.89	142	1191928	36.66	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	595061	42.79	ng		99
40) Hexachlorocyclopentadiene	9.05	237	375931	55.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	374704	47.77	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	375348	40.11	ng	#	89
45) 1,1'-Biphenyl	9.35	154	1529949	38.33	ng		99
46) 2-Chloronaphthalene	9.38	162	1157432	38.89	ng		99
47) 2-Nitroaniline	9.48	65	427177	39.59	ng		94
48) Acenaphthylene	9.80	152	1853158	39.11	ng		99
49) Dimethylphthalate	9.66	163	1440310	42.33	ng	#	98
50) 2,6-Dinitrotoluene	9.72	165	310673	41.72	ng	#	84
51) Acenaphthene	9.97	154	1199651	38.09	ng		99
52) 3-Nitroaniline	9.89	138	108739	11.64	ng		99
53) 2,4-Dinitrophenol	9.99	184	54730	18.25	ng		88
54) Dibenzofuran	10.14	168	1679876	40.54	ng		100
55) 4-Nitrophenol	10.06	139	375759	66.82	ng	#	82
56) 2,4-Dinitrotoluene	10.12	165	369043	36.49	ng	#	80
57) Fluorene	10.49	166	1350853	39.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	278306	35.71	ng		96
59) Diethylphthalate	10.36	149	1499122	43.44	ng	#	95
60) 4-Chlorophenyl-phenylether	10.47	204	648742	40.27	ng		99
61) 4-Nitroaniline	10.51	138	235798	25.17	ng		94
62) Azobenzene	10.63	77	1657419	41.52	ng		98
64) 4,6-Dinitro-2-methylphenol	10.53	198	49615	10.31	ng		88
65) n-Nitrosodiphenylamine	10.60	169	1058668	40.32	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	358634	42.05	ng		99
67) Hexachlorobenzene	11.03	284	400511	43.25	ng	#	65
68) Atrazine	11.13	200	277744	38.25	ng		92
69) Pentachlorophenol	11.23	266	342711	74.68	ng		98
70) Phenanthrene	11.45	178	1728732	40.74	ng		99
71) Anthracene	11.49	178	1665981	36.48	ng		99
72) Carbazole	11.65	167	1496761	36.62	ng		99
73) Di-n-butylphthalate	11.98	149	2093796	43.72	ng		99
74) Fluoranthene	12.64	202	1481649	34.72	ng		98
76) Benzidine	12.76	184	76823	5.88	ng		98
77) Pyrene	12.86	202	1415049	40.66	ng		99
79) Butylbenzylphthalate	13.48	149	596773	38.70	ng		93
80) Benzo(a)anthracene	14.05	228	1170179	39.12	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	146787	14.36	ng	#	94
82) Chrysene	14.09	228	1266276	43.93	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	1022448	49.15	ng		99
84) Di-n-octyl phthalate	14.65	149	1489994	53.42	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.94	276	1122550	67.35	ng		99
87) Benzo(b)fluoranthene	15.09	252	1140088	38.42	ng	#	96
88) Benzo(k)fluoranthene	15.12	252	1047289m	32.80	ng		
89) Benzo(a)pyrene	15.45	252	1043730	38.42	ng		99
90) Dibenzo(a,h)anthracene	16.97	278	971935	46.92	ng	#	95
91) Benzo(g,h,i)perylene	17.38	276	857389	43.40	ng		98

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

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