Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090415.D
Acq On : 6 Oct 2016 7:34
Operator : UM/SJ
Sample : PB93730BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93730BS

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:58 PM

Quant Time: Oct 06 08:17:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	267118	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1143342	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	556582	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	944294	20.00	ng		0.00
75) Chrysene-d12	14.20	240	707102	20.00	ng		0.00
86) Perylene-d12	15.70	264	510860	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1892498	105.74	ng		0.01
7) Phenol-d6	6.63	99	2764759	117.94	ng		0.01
23) Nitrobenzene-d5	7.57	82	1849166	78.67	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	711843	157.29	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2848706	85.28	ng		0.00
78) Terphenyl-d14	13.14	244	2792565	88.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	276587	31.35	ng	#	94
3) Pyridine	3.57	79	846665	34.42	ng	#	83
4) n-Nitrosodimethylamine	3.53	42	378047	37.24	ng	#	57
6) Aniline	6.66	93	792139	24.46	ng		97
8) 2-Chlorophenol	6.79	128	721844	36.65	ng		85
9) Benzaldehyde	6.54	77	387702	32.72	ng		89
10) Phenol	6.65	94	1134198	41.62	ng		91
11) bis(2-Chloroethyl)ether	6.74	93	837026	40.11	ng		96
12) 1,3-Dichlorobenzene	6.94	146	742750m	37.83	ng		
13) 1,4-Dichlorobenzene	7.02	146	770524	38.64	ng		95
14) 1,2-Dichlorobenzene	7.17	146	674032	35.08	ng		96
15) Benzyl Alcohol	7.14	79	712913	40.01	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1284144	36.29	ng		91
17) 2-Methylphenol	7.25	107	623316	38.48	ng		99
18) Hexachloroethane	7.51	117	289276	36.80	ng	#	88
19) n-Nitroso-di-n-propylamine	7.42	70	669633	38.96	ng	#	80
20) 3+4-Methylphenols	7.41	107	843677	40.24	ng	#	63
22) Acetophenone	7.41	105	1037901	38.33	ng	#	97
24) Nitrobenzene	7.58	77	817716	35.04	ng		96
25) Isophorone	7.82	82	1600059	37.23	ng		97
26) 2-Nitrophenol	7.90	139	384935	38.33	ng	#	80
27) 2,4-Dimethylphenol	7.94	122	695607	35.61	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	1058667	41.65	ng		98
29) 2,4-Dichlorophenol	8.14	162	534839	36.02	ng		87
30) 1,2,4-Trichlorobenzene	8.23	180	613623	40.09	ng		97
31) Naphthalene	8.31	128	2089861	37.89	ng		99
32) Benzoic acid	8.06	122	497511	36.64	ng		95
33) 4-Chloroaniline	8.36	127	274216	12.03	ng	#	90
34) Hexachlorobutadiene	8.44	225	308669	36.10	ng		97
35) Caprolactam	8.73	113	188313m	37.72	ng		
36) 4-Chloro-3-methylphenol	8.84	107	673952	36.25	ng		97
37) 2-Methylnaphthalene	9.01	142	1424966	42.68	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	544827	37.13	ng	#	98
40) Hexachlorocyclopentadiene	9.17	237	691075	85.92	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	418701m	41.35	ng		
43) 2,4,5-Trichlorophenol	9.32	196	382944m	40.00	ng		
45) 1,1'-Biphenyl	9.47	154	1514768	36.73	ng		93
46) 2-Chloronaphthalene	9.50	162	1296384	42.54	ng		94
47) 2-Nitroaniline	9.58	65	482640	40.14	ng	#	83
48) Acenaphthylene	9.91	152	1835534	36.51	ng		99
49) Dimethylphthalate	9.78	163	1549423	43.47	ng		98
50) 2,6-Dinitrotoluene	9.83	165	348534	44.04	ng	#	83
51) Acenaphthene	10.09	154	1332914	42.52	ng		97
52) 3-Nitroaniline	9.99	138	190402	20.60	ng	#	80
53) 2,4-Dinitrophenol	10.11	184	379942	107.68	ng		96
54) Dibenzofuran	10.26	168	1697118	41.82	ng		92
55) 4-Nitrophenol	10.17	139	697871	86.28	ng	#	65
56) 2,4-Dinitrotoluene	10.23	165	404416	38.40	ng	#	27
57) Fluorene	10.60	166	1388903	40.73	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	308855m	43.19	ng		
59) Diethylphthalate	10.47	149	1465849	39.74	ng	#	92
60) 4-Chlorophenyl-phenylether	10.60	204	686948	44.30	ng	#	86
61) 4-Nitroaniline	10.62	138	395109	42.42	ng		87
62) Azobenzene	10.76	77	1968963	46.22	ng		87
64) 4,6-Dinitro-2-methylphenol	10.65	198	231276	37.61	ng	#	68
65) n-Nitrosodiphenylamine	10.71	169	1248207	39.45	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	401719	43.40	ng	#	86
67) Hexachlorobenzene	11.16	284	409480	39.72	ng	#	82
68) Atrazine	11.24	200	362190	46.42	ng		98
69) Pentachlorophenol	11.34	266	491945	80.17	ng		100
70) Phenanthrene	11.57	178	2130754	44.07	ng		100
71) Anthracene	11.62	178	1891716	38.31	ng		99
72) Carbazole	11.78	167	1989693	43.37	ng		97
73) Di-n-butylphthalate	12.11	149	2488194	44.57	ng	#	97
74) Fluoranthene	12.76	202	1847378	38.95	ng		98
76) Benzidine	12.87	184	667224	35.89	ng		99
77) Pyrene	12.99	202	1803132	38.24	ng		99
79) Butylbenzylphthalate	13.61	149	931264	38.49	ng	#	73
80) Benzo(a)anthracene	14.18	228	1710373	43.11	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	409612	28.48	ng	#	98
82) Chrysene	14.22	228	1627739	44.58	ng		100
83) Bis(2-ethylhexyl)phthalate	14.18	149	1439317	41.86	ng	#	97
84) Di-n-octyl phthalate	14.80	149	2183851	42.84	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.22	276	1202886	46.21	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	1513107	46.50	ng	#	95
88) Benzo(k)fluoranthene	15.29	252	985764m	32.25	ng		
89) Benzo(a)pyrene	15.63	252	1169537	41.70	ng	#	94
90) Dibenzo(a,h)anthracene	17.24	278	1040032	43.59	ng	#	97
91) Benzo(g,h,i)perylene	17.68	276	961401	41.98	ng	#	94

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

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