Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090532.D
Acq On : 12 Oct 2016 13:45
Operator : UM/SJ
Sample : PB93973BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93973BSD

Manual Integrations APPROVED
sohil
10/13/2016 2:04:29 PM

Quant Time: Oct 12 16:31:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	249566	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	1055485	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	545040	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	899238	20.00	ng		0.00
75) Chrysene-d12	14.13	240	808152	20.00	ng		0.00
86) Perylene-d12	15.61	264	558975	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1639955	102.23	ng		0.02
7) Phenol-d6	6.60	99	2109672	104.21	ng		0.01
23) Nitrobenzene-d5	7.51	82	1343943	69.06	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	687854	127.31	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2609342	80.45	ng		0.00
78) Terphenyl-d14	13.07	244	2357178	71.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	193825m	24.63	ng		
3) Pyridine	3.49	79	562062m	25.84	ng		
4) n-Nitrosodimethylamine	3.43	42	189700m	26.61	ng		
6) Aniline	6.62	93	483200	18.82	ng	#	75
8) 2-Chlorophenol	6.74	128	596288	34.94	ng		97
9) Benzaldehyde	6.50	77	152615	11.97	ng		94
10) Phenol	6.61	94	745077	32.63	ng		93
11) bis(2-Chloroethyl)ether	6.69	93	582052	34.05	ng		89
12) 1,3-Dichlorobenzene	6.89	146	618978m	33.62	ng		
13) 1,4-Dichlorobenzene	6.97	146	651658	34.69	ng		97
14) 1,2-Dichlorobenzene	7.13	146	599885	35.14	ng		94
15) Benzyl Alcohol	7.09	79	474382	30.52	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	699701	28.56	ng		65
17) 2-Methylphenol	7.22	107	509042	36.68	ng		97
18) Hexachloroethane	7.46	117	241532	34.84	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	479778	37.16	ng	#	79
20) 3+4-Methylphenols	7.37	107	658620	37.48	ng	#	83
22) Acetophenone	7.37	105	860147	37.02	ng	#	91
24) Nitrobenzene	7.54	77	697306	33.41	ng	#	88
25) Isophorone	7.78	82	1225963	34.62	ng		95
26) 2-Nitrophenol	7.85	139	328723	34.52	ng	#	80
27) 2,4-Dimethylphenol	7.89	122	576786	35.63	ng		96
28) bis(2-Chloroethoxy)methane	7.98	93	774600	35.41	ng	#	97
29) 2,4-Dichlorophenol	8.10	162	512244	37.84	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	553233	35.57	ng		98
31) Naphthalene	8.26	128	1770982	33.68	ng		98
32) Benzoic acid	8.03	122	338780	26.52	ng		99
33) 4-Chloroaniline	8.31	127	267651	12.02	ng	#	88
34) Hexachlorobutadiene	8.37	225	291683	33.55	ng		99
35) Caprolactam	8.68	113	181803m	41.42	ng		
36) 4-Chloro-3-methylphenol	8.81	107	569095	35.99	ng		90
37) 2-Methylnaphthalene	8.95	142	1198466	33.96	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	508366	33.32	ng		97
40) Hexachlorocyclopentadiene	9.10	237	632487	83.51	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	359461	34.94	ng		96
43) 2,4,5-Trichlorophenol	9.27	196	371947	36.53	ng		96
45) 1,1'-Biphenyl	9.41	154	1367644	32.85	ng		96
46) 2-Chloronaphthalene	9.45	162	1140845	36.83	ng		93
47) 2-Nitroaniline	9.54	65	363459	32.90	ng		98
48) Acenaphthylene	9.86	152	1718818	34.40	ng		99
49) Dimethylphthalate	9.72	163	1344524	36.68	ng		99
50) 2,6-Dinitrotoluene	9.78	165	286146	35.35	ng		88
51) Acenaphthene	10.03	154	1179722	35.23	ng		97
52) 3-Nitroaniline	9.95	138	165029	16.43	ng		97
53) 2,4-Dinitrophenol	10.05	184	255038	56.79	ng	#	79
54) Dibenzofuran	10.20	168	1508020	33.84	ng		95
55) 4-Nitrophenol	10.13	139	532320	68.21	ng	#	82
56) 2,4-Dinitrotoluene	10.19	165	426519	39.84	ng	#	85
57) Fluorene	10.54	166	1210415	33.27	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	312778	36.83	ng		96
59) Diethylphthalate	10.42	149	1283885	34.44	ng		94
60) 4-Chlorophenyl-phenylether	10.53	204	567042	33.78	ng		94
61) 4-Nitroaniline	10.58	138	307311	29.99	ng		83
62) Azobenzene	10.69	77	1417444	34.81	ng		90
64) 4,6-Dinitro-2-methylphenol	10.59	198	176428	29.37	ng	#	82
65) n-Nitrosodiphenylamine	10.66	169	1104559	37.77	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	350054	35.13	ng	#	90
67) Hexachlorobenzene	11.09	284	398019	36.16	ng	#	93
68) Atrazine	11.18	200	307982	34.03	ng		98
69) Pentachlorophenol	11.30	266	441957	67.48	ng		98
70) Phenanthrene	11.50	178	1770984	35.74	ng		97
71) Anthracene	11.56	178	1830447	36.46	ng		98
72) Carbazole	11.72	167	1739246	36.68	ng		98
73) Di-n-butylphthalate	12.04	149	1895573	33.19	ng		98
74) Fluoranthene	12.70	202	1852339	36.62	ng		88
76) Benzidine	12.82	184	494792	19.48	ng		99
77) Pyrene	12.93	202	1928417	38.12	ng		98
79) Butylbenzylphthalate	13.55	149	900633	38.03	ng		93
80) Benzo(a)anthracene	14.12	228	1710060	35.51	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	310392	17.91	ng	#	97
82) Chrysene	14.16	228	1473690	32.87	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	1243044	35.97	ng	#	96
84) Di-n-octyl phthalate	14.72	149	1914435	35.77	ng	#	86
85) Indeno(1,2,3-cd)pyrene	17.08	276	1138909	30.51	ng		98
87) Benzo(b)fluoranthene	15.17	252	1345454	36.48	ng	#	96
88) Benzo(k)fluoranthene	15.21	252	1427462m	43.45	ng		
89) Benzo(a)pyrene	15.54	252	1241668	38.34	ng	#	97
90) Dibenzo(a,h)anthracene	17.09	278	975092	35.44	ng	#	95
91) Benzo(g,h,i)perylene	17.53	276	905054	35.57	ng		99

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

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