Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090511.D
Acq On : 11 Oct 2016 19:30
Operator : UM/SJ
Sample : PB93820BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Manual Integrations APPROVED
sohil
10/12/2016 4:09:23 PM

Quant Time: Oct 12 01:18:22 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	228053	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	923970	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	483184	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	851259	20.00	ng		0.01
75) Chrysene-d12	14.13	240	823977	20.00	ng		0.00
86) Perylene-d12	15.61	264	564726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1420268	96.89	ng		0.01
7) Phenol-d6	6.59	99	1923375	103.97	ng		0.00
23) Nitrobenzene-d5	7.51	82	1232000	72.32	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	622993	130.07	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2273178	79.06	ng		0.00
78) Terphenyl-d14	13.08	244	2763531	81.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	201571	28.03	ng	#	84
3) Pyridine	3.46	79	616987m	31.05	ng		
4) n-Nitrosodimethylamine	3.40	42	227040	34.86	ng	#	47
6) Aniline	6.61	93	430211	18.33	ng		99
8) 2-Chlorophenol	6.74	128	532844	34.17	ng		99
9) Benzaldehyde	6.50	77	172747	14.82	ng		96
10) Phenol	6.60	94	769151	36.86	ng		96
11) bis(2-Chloroethyl)ether	6.69	93	591837	37.89	ng		93
12) 1,3-Dichlorobenzene	6.90	146	586912	34.88	ng		99
13) 1,4-Dichlorobenzene	6.97	146	553779	32.26	ng		98
14) 1,2-Dichlorobenzene	7.13	146	581450	37.27	ng		98
15) Benzyl Alcohol	7.09	79	477618	33.63	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	728578	32.55	ng		88
17) 2-Methylphenol	7.21	107	438972	34.61	ng		100
18) Hexachloroethane	7.47	117	218234	34.45	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	412762	34.98	ng	#	80
20) 3+4-Methylphenols	7.37	107	597005	37.18	ng	#	74
22) Acetophenone	7.37	105	763285	37.52	ng	#	89
24) Nitrobenzene	7.54	77	669542	36.64	ng	#	89
25) Isophorone	7.78	82	1144995	36.93	ng		98
26) 2-Nitrophenol	7.86	139	302879	36.33	ng		95
27) 2,4-Dimethylphenol	7.89	122	527997	37.26	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	675752	35.29	ng	#	97
29) 2,4-Dichlorophenol	8.10	162	452159	38.15	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	462176	33.95	ng		99
31) Naphthalene	8.26	128	1545938	33.58	ng		98
32) Benzoic acid	8.02	122	367844	32.89	ng		89
33) 4-Chloroaniline	8.30	127	209010	10.73	ng		96
34) Hexachlorobutadiene	8.38	225	270057	35.48	ng		99
35) Caprolactam	8.67	113	151535m	39.44	ng		
36) 4-Chloro-3-methylphenol	8.79	107	490768	35.46	ng		99
37) 2-Methylnaphthalene	8.95	142	1058041	34.24	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	498427	36.85	ng		98
40) Hexachlorocyclopentadiene	9.11	237	622101	92.65	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	318234	34.89	ng		97
43) 2,4,5-Trichlorophenol	9.27	196	335863	37.21	ng		95
45) 1,1'-Biphenyl	9.42	154	1360238	36.86	ng		95
46) 2-Chloronaphthalene	9.45	162	1039732	37.87	ng		97
47) 2-Nitroaniline	9.54	65	364377	37.20	ng		95
48) Acenaphthylene	9.86	152	1500401	33.87	ng		98
49) Dimethylphthalate	9.72	163	1150411	35.40	ng		99
50) 2,6-Dinitrotoluene	9.78	165	245125	34.16	ng		95
51) Acenaphthene	10.03	154	1048084	35.30	ng		98
52) 3-Nitroaniline	9.95	138	160785	18.06	ng	#	83
53) 2,4-Dinitrophenol	10.05	184	282072	70.85	ng	#	82
54) Dibenzofuran	10.21	168	1492040	37.77	ng		97
55) 4-Nitrophenol	10.11	139	507335	73.33	ng		95
56) 2,4-Dinitrotoluene	10.19	165	393175	41.43	ng		94
57) Fluorene	10.55	166	1135810	35.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	310482	41.24	ng		96
59) Diethylphthalate	10.42	149	1231828	37.27	ng	#	91
60) 4-Chlorophenyl-phenylether	10.54	204	608176	40.87	ng	#	89
61) 4-Nitroaniline	10.57	138	303090	33.37	ng		93
62) Azobenzene	10.70	77	1439928	39.89	ng		87
64) 4,6-Dinitro-2-methylphenol	10.59	198	182229	32.05	ng	#	83
65) n-Nitrosodiphenylamine	10.66	169	931509	33.65	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	364354	38.63	ng	#	85
67) Hexachlorobenzene	11.10	284	379190	36.39	ng	#	84
68) Atrazine	11.18	200	290718	33.94	ng		98
69) Pentachlorophenol	11.30	266	484010	78.06	ng		98
70) Phenanthrene	11.51	178	1791866	38.19	ng		98
71) Anthracene	11.56	178	1604490	33.76	ng		98
72) Carbazole	11.72	167	1687645	37.60	ng		97
73) Di-n-butylphthalate	12.05	149	2082782	38.53	ng	#	97
74) Fluoranthene	12.70	202	1876725	39.19	ng		94
76) Benzidine	12.82	184	457934	17.68	ng		99
77) Pyrene	12.93	202	1854350	35.95	ng		99
79) Butylbenzylphthalate	13.55	149	873348	36.17	ng		88
80) Benzo(a)anthracene	14.12	228	1716146	34.95	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	299099	16.93	ng	#	100
82) Chrysene	14.16	228	1431115	31.31	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1229225	34.88	ng	#	99
84) Di-n-octyl phthalate	14.73	149	2053181	37.63	ng	#	88
85) Indeno(1,2,3-cd)pyrene	17.08	276	1071813	28.16	ng		97
87) Benzo(b)fluoranthene	15.17	252	1622266	43.54	ng	#	95
88) Benzo(k)fluoranthene	15.21	252	1110247m	33.45	ng		
89) Benzo(a)pyrene	15.55	252	1267612	38.74	ng		98
90) Dibenzo(a,h)anthracene	17.10	278	924379	33.26	ng		98
91) Benzo(g,h,i)perylene	17.53	276	838340	32.61	ng		97

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

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