Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091512.D
Acq On : 8 Dec 2016 19:44
Operator : UM/SJ
Sample : PB95122BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95122BSD

Quant Time: Dec 09 00:33:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 00:14:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	173189	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	692513	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	437592	20.00	ng		0.01
63) Phenanthrene-d10	11.34	188	753916	20.00	ng		0.00
75) Chrysene-d12	13.97	240	566342	20.00	ng		0.00
86) Perylene-d12	15.39	264	573361	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	815220	76.90	ng		0.02
7) Phenol-d6	6.46	99	1115414	85.47	ng		0.00
23) Nitrobenzene-d5	7.38	82	688701	55.73	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	412945	99.68	ng		0.01
44) 2-Fluorobiphenyl	9.19	172	1439450	59.56	ng		0.00
78) Terphenyl-d14	12.93	244	1612098	61.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	105785	22.06	ng	#	84
3) Pyridine	3.19	79	402896	29.69	ng		87
4) n-Nitrosodimethylamine	3.14	42	264433	37.13	ng		98
6) Aniline	6.48	93	283490	16.35	ng		90
8) 2-Chlorophenol	6.61	128	344232	29.61	ng		91
9) Benzaldehyde	6.36	77	61072	7.28	ng		96
10) Phenol	6.47	94	339992	22.14	ng		87
11) bis(2-Chloroethyl)ether	6.56	93	334753	30.51	ng		98
12) 1,3-Dichlorobenzene	6.76	146	325304m	25.16	ng		
13) 1,4-Dichlorobenzene	6.84	146	352040	27.37	ng		97
14) 1,2-Dichlorobenzene	7.00	146	327220m	27.31	ng		
15) Benzyl Alcohol	6.96	79	269484	25.80	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	609135	25.82	ng		74
17) 2-Methylphenol	7.09	107	263175	28.64	ng	#	77
18) Hexachloroethane	7.34	117	124550	27.27	ng	#	85
19) n-Nitroso-di-n-propylamine	7.25	70	248224	30.19	ng	#	83
20) 3+4-Methylphenols	7.24	107	322965	28.79	ng	#	68
22) Acetophenone	7.24	105	461091	28.09	ng	#	84
24) Nitrobenzene	7.41	77	386240	30.53	ng	#	86
25) Isophorone	7.65	82	634802	29.00	ng		99
26) 2-Nitrophenol	7.72	139	163976	28.44	ng		94
27) 2,4-Dimethylphenol	7.76	122	278311	25.80	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	407739	30.94	ng		98
29) 2,4-Dichlorophenol	7.97	162	300413	31.66	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	311811	29.31	ng		98
31) Naphthalene	8.13	128	900289	27.35	ng		100
32) Benzoic acid	7.90	122	211390	26.59	ng		95
33) 4-Chloroaniline	8.18	127	49972	3.55	ng		97
34) Hexachlorobutadiene	8.25	225	193692	29.61	ng		98
35) Caprolactam	8.55	113	85036m	31.18	ng		
36) 4-Chloro-3-methylphenol	8.66	107	291153	28.42	ng		96
37) 2-Methylnaphthalene	8.82	142	639888	28.62	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	303945	24.64	ng		98
40) Hexachlorocyclopentadiene	8.97	237	367524	64.27	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	226099m	28.20	ng		
43) 2,4,5-Trichlorophenol	9.14	196	238277m	29.66	ng		
45) 1,1'-Biphenyl	9.28	154	790271	25.12	ng		96
46) 2-Chloronaphthalene	9.30	162	588121	25.10	ng		100
47) 2-Nitroaniline	9.40	65	199855	23.75	ng	#	74
48) Acenaphthylene	9.72	152	917122	24.86	ng		98
49) Dimethylphthalate	9.59	163	741641	27.99	ng		98
50) 2,6-Dinitrotoluene	9.65	165	183246	30.94	ng	#	81
51) Acenaphthene	9.89	154	714063	28.70	ng		97
52) 3-Nitroaniline	9.81	138	76424	11.15	ng		89
53) 2,4-Dinitrophenol	9.92	184	207214	80.01	ng	#	85
54) Dibenzofuran	10.07	168	905967	27.19	ng	#	88
55) 4-Nitrophenol	9.98	139	223727	45.19	ng		96
56) 2,4-Dinitrotoluene	10.05	165	215728	28.08	ng	#	68
57) Fluorene	10.40	166	663992	25.96	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	212980	31.04	ng		94
59) Diethylphthalate	10.29	149	710338	27.16	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	352142	27.45	ng		95
61) 4-Nitroaniline	10.42	138	140776	21.87	ng		84
62) Azobenzene	10.56	77	791530	29.66	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	129065	31.07	ng	#	34
65) n-Nitrosodiphenylamine	10.52	169	578212	25.30	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	231023	28.51	ng	#	71
67) Hexachlorobenzene	10.95	284	230960	26.38	ng	#	86
68) Atrazine	11.05	200	215130	29.06	ng		92
69) Pentachlorophenol	11.14	266	267110	51.82	ng		94
70) Phenanthrene	11.36	178	971713	24.80	ng		99
71) Anthracene	11.42	178	1150861	29.60	ng		99
72) Carbazole	11.57	167	880768	24.96	ng		98
73) Di-n-butylphthalate	11.91	149	1113461	27.85	ng	#	98
74) Fluoranthene	12.55	202	1164506	31.38	ng		95
76) Benzidine	12.66	184	446040	26.83	ng		98
77) Pyrene	12.78	202	1140674	26.54	ng		99
79) Butylbenzylphthalate	13.40	149	428543	26.63	ng		95
80) Benzo(a)anthracene	13.96	228	921220	27.81	ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	191937	16.45	ng		98
82) Chrysene	14.00	228	901036	27.50	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	571272	28.00	ng		97
84) Di-n-octyl phthalate	14.57	149	1009234	32.69	ng		94
85) Indeno(1,2,3-cd)pyrene	16.76	276	937741	31.25	ng	#	93
87) Benzo(b)fluoranthene	14.99	252	865932m	24.30	ng		
88) Benzo(k)fluoranthene	15.01	252	626290m	20.90	ng		
89) Benzo(a)pyrene	15.33	252	712086	22.25	ng	#	93
90) Dibenzo(a,h)anthracene	16.78	278	769057	25.98	ng	#	91
91) Benzo(g,h,i)perylene	17.17	276	613559	20.10	ng		96

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

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