Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
Data File : BF094431.D
Acq On : 14 Apr 2017 16:34
Operator : SJ/MA
Sample : PB98252BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB98252BSD

Quant Time: Apr 15 00:38:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 16:39:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	132994	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	536491	20.00	ng		0.00
38) Acenaphthene-d10	9.41	164	255650	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	459161	20.00	ng		0.00
75) Chrysene-d12	14.48	240	362348	20.00	ng		0.00
86) Perylene-d12	16.10	264	259393	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	680519	86.43	ng		0.01
7) Phenol-d6	5.40	99	831268	85.34	ng		0.00
23) Nitrobenzene-d5	6.43	82	758117	80.64	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	182424	90.30	ng		0.00
44) 2-Fluorobiphenyl	8.60	172	1444301	86.17	ng		0.00
78) Terphenyl-d14	13.21	244	1291803	79.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	116665	30.84	ng		98
3) Pyridine	2.62	79	356556	34.58	ng		99
4) n-Nitrosodimethylamine	2.59	42	158968	37.47	ng		91
6) Aniline	5.40	93	244099	18.01	ng	#	85
8) 2-Chlorophenol	5.55	128	375199	43.35	ng		94
9) Benzaldehyde	5.26	77	90044	13.69	ng		97
10) Phenol	5.42	94	445550	40.19	ng		93
11) bis(2-Chloroethyl)ether	5.48	93	335687	38.75	ng		98
12) 1,3-Dichlorobenzene	5.70	146	385047	39.66	ng		99
13) 1,4-Dichlorobenzene	5.79	146	390073	39.67	ng		97
14) 1,2-Dichlorobenzene	5.97	146	361622	39.94	ng		97
15) Benzyl Alcohol	5.95	79	285738	40.08	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	441934	33.11	ng	#	17
17) 2-Methylphenol	6.10	107	296955	40.06	ng	#	91
18) Hexachloroethane	6.36	117	135103	39.09	ng	#	86
19) n-Nitroso-di-n-propylamine	6.26	70	260116	41.55	ng		97
20) 3+4-Methylphenols	6.29	107	425124	47.36	ng	#	63
22) Acetophenone	6.25	105	512353	42.85	ng	#	86
24) Nitrobenzene	6.45	77	365622	39.43	ng		96
25) Isophorone	6.73	82	666167	40.33	ng		95
26) 2-Nitrophenol	6.82	139	209187	47.31	ng		97
27) 2,4-Dimethylphenol	6.90	122	337709	44.33	ng		97
28) bis(2-Chloroethoxy)methane	7.00	93	435390	39.97	ng		99
29) 2,4-Dichlorophenol	7.13	162	319713	44.88	ng		100
30) 1,2,4-Trichlorobenzene	7.21	180	307745	41.95	ng		98
31) Naphthalene	7.30	128	1044234	40.48	ng		99
32) Benzoic acid	7.04	122	65367	12.89	ng		94
33) 4-Chloroaniline	7.37	127	151798	14.52	ng		94
34) Hexachlorobutadiene	7.46	225	153467	40.79	ng		97
35) Caprolactam	7.82	113	103577m	45.60	ng		
36) 4-Chloro-3-methylphenol	8.00	107	341379	45.86	ng		89
37) 2-Methylnaphthalene	8.15	142	737754	42.90	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.35	216	278875	39.88	ng		99
40) Hexachlorocyclopentadiene	8.34	237	248462	75.92	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	216094	43.67	ng		98
43) 2,4,5-Trichlorophenol	8.56	196	220736	41.23	ng	#	91
45) 1,1'-Biphenyl	8.72	154	838441	40.66	ng		98
46) 2-Chloronaphthalene	8.73	162	668584	41.42	ng		95
47) 2-Nitroaniline	8.87	65	206792	43.19	ng		86
48) Acenaphthylene	9.24	152	1055184	39.33	ng		99
49) Dimethylphthalate	9.11	163	815377	44.87	ng		99
50) 2,6-Dinitrotoluene	9.17	165	184787	44.36	ng	#	88
51) Acenaphthene	9.45	154	633855	40.49	ng		99
52) 3-Nitroaniline	9.37	138	110174	22.52	ng		89
53) 2,4-Dinitrophenol	9.51	184	73504	35.71	ng	#	72
54) Dibenzofuran	9.67	168	917021	43.04	ng		100
55) 4-Nitrophenol	9.65	139	278130	72.60	ng	#	80
56) 2,4-Dinitrotoluene	9.67	165	223904	42.79	ng	#	93
57) Fluorene	10.09	166	721865	40.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.83	232	157402	42.85	ng		99
59) Diethylphthalate	9.97	149	775545	43.18	ng		99
60) 4-Chlorophenyl-phenylether	10.09	204	310273	41.22	ng		95
61) 4-Nitroaniline	10.13	138	193641	41.25	ng		95
62) Azobenzene	10.29	77	743721	43.77	ng		94
64) 4,6-Dinitro-2-methylphenol	10.17	198	83366	29.65	ng	#	66
65) n-Nitrosodiphenylamine	10.25	169	660710	41.61	ng		98
66) 4-Bromophenyl-phenylether	10.69	248	195326	43.25	ng		99
67) Hexachlorobenzene	10.76	284	193079	42.24	ng	#	84
68) Atrazine	10.92	200	196573	41.33	ng		98
69) Pentachlorophenol	11.02	266	127809	44.92	ng		98
70) Phenanthrene	11.26	178	1068386	41.83	ng		98
71) Anthracene	11.33	178	1112343	42.30	ng		98
72) Carbazole	11.53	167	1033404	38.32	ng		98
73) Di-n-butylphthalate	11.98	149	1238287	44.15	ng		100
74) Fluoranthene	12.72	202	1104184	42.22	ng		98
76) Benzidine	12.89	184	290829	20.28	ng	#	93
77) Pyrene	13.00	202	1120687	42.62	ng		99
79) Butylbenzylphthalate	13.82	149	516196	46.07	ng		91
80) Benzo(a)anthracene	14.47	228	898088	42.50	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	200664	26.57	ng	#	95
82) Chrysene	14.52	228	801792	40.89	ng		99
83) Bis(2-ethylhexyl)phthalate	14.53	149	709973	46.44	ng	#	99
84) Di-n-octyl phthalate	15.29	149	1108313	43.40	ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	626749	36.91	ng		100
87) Benzo(b)fluoranthene	15.70	252	728272	45.80	ng		98
88) Benzo(k)fluoranthene	15.73	252	644382m	41.42	ng		
89) Benzo(a)pyrene	16.04	252	631764	43.15	ng		99
90) Dibenzo(a,h)anthracene	17.40	278	520426	41.97	ng		99
91) Benzo(g,h,i)perylene	17.76	276	532375	42.60	ng		98

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

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