Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094308.D
Acq On : 10 Apr 2017 13:54
Operator : SJ/MA
Sample : PB98131BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98131BS

Manual Integrations APPROVED
mohammad
4/11/2017 12:53:01 PM

Quant Time: Apr 11 01:19:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	166351	20.00	ng		-0.02
21) Naphthalene-d8	7.35	136	670231	20.00	ng		-0.02
38) Acenaphthene-d10	9.49	164	300575	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	511856	20.00	ng		-0.01
75) Chrysene-d12	14.56	240	365930	20.00	ng		-0.01
86) Perylene-d12	16.18	264	254152	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	1195159	121.35	ng		0.02
7) Phenol-d6	5.49	99	1499913	123.10	ng		0.02
23) Nitrobenzene-d5	6.49	82	955454	81.35	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	330186	139.01	ng		0.00
44) 2-Fluorobiphenyl	8.67	172	1725716	87.57	ng		-0.02
78) Terphenyl-d14	13.29	244	1413340	86.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	139382	29.46	ng		98
3) Pyridine	2.71	79	431999	33.50	ng		99
4) n-Nitrosodimethylamine	2.67	42	215236	40.56	ng		92
6) Aniline	5.47	93	468154	27.62	ng		96
8) 2-Chlorophenol	5.62	128	471794	43.58	ng		99
9) Benzaldehyde	5.33	77	105032	12.77	ng		98
10) Phenol	5.50	94	570467	41.14	ng		90
11) bis(2-Chloroethyl)ether	5.55	93	456058	42.09	ng		96
12) 1,3-Dichlorobenzene	5.77	146	503466	41.46	ng		99
13) 1,4-Dichlorobenzene	5.86	146	511095	41.56	ng		97
14) 1,2-Dichlorobenzene	6.03	146	463347	40.91	ng		98
15) Benzyl Alcohol	6.02	79	369693	41.46	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.17	45	602300	36.07	ng		54
17) 2-Methylphenol	6.18	107	385134	41.54	ng		94
18) Hexachloroethane	6.43	117	180449	41.74	ng	#	86
19) n-Nitroso-di-n-propylamine	6.33	70	345728	44.15	ng		96
20) 3+4-Methylphenols	6.36	107	538342	47.94	ng	#	62
22) Acetophenone	6.32	105	663941	44.45	ng	#	87
24) Nitrobenzene	6.52	77	481839	41.60	ng		95
25) Isophorone	6.80	82	866078	41.97	ng		95
26) 2-Nitrophenol	6.89	139	269769	48.84	ng		97
27) 2,4-Dimethylphenol	6.97	122	434182	45.62	ng		98
28) bis(2-Chloroethoxy)methane	7.06	93	567234	41.68	ng		99
29) 2,4-Dichlorophenol	7.20	162	407574	45.80	ng		100
30) 1,2,4-Trichlorobenzene	7.28	180	400870	43.74	ng		99
31) Naphthalene	7.37	128	1337150	41.49	ng		99
32) Benzoic acid	7.16	122	231394	36.52	ng		96
33) 4-Chloroaniline	7.45	127	312117	23.90	ng	#	93
34) Hexachlorobutadiene	7.52	225	199769	42.50	ng		97
35) Caprolactam	7.89	113	131671m	46.40	ng		
36) 4-Chloro-3-methylphenol	8.09	107	426683	45.89	ng		92
37) 2-Methylnaphthalene	8.22	142	934250	43.49	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	347985	42.32	ng		99
40) Hexachlorocyclopentadiene	8.41	237	342424	88.99	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	278144	47.81	ng		96
43) 2,4,5-Trichlorophenol	8.64	196	277483	44.08	ng		93
45) 1,1'-Biphenyl	8.79	154	1034144	42.66	ng		97
46) 2-Chloronaphthalene	8.81	162	821594	43.29	ng		94
47) 2-Nitroaniline	8.94	65	250373	44.47	ng		86
48) Acenaphthylene	9.32	152	1292914	40.99	ng		99
49) Dimethylphthalate	9.18	163	995474	46.59	ng		99
50) 2,6-Dinitrotoluene	9.25	165	225012	45.94	ng	#	89
51) Acenaphthene	9.53	154	776235	42.18	ng		100
52) 3-Nitroaniline	9.45	138	158867	27.62	ng		87
53) 2,4-Dinitrophenol	9.59	184	193008	74.01	ng	#	72
54) Dibenzofuran	9.74	168	1082980	43.23	ng		97
55) 4-Nitrophenol	9.73	139	434011m	96.36	ng		
56) 2,4-Dinitrotoluene	9.74	165	258066	41.94	ng	#	61
57) Fluorene	10.16	166	845764	40.71	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	199610	46.22	ng		98
59) Diethylphthalate	10.05	149	959166	45.42	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	363705	41.09	ng		92
61) 4-Nitroaniline	10.21	138	228758	41.45	ng		96
62) Azobenzene	10.36	77	923770	46.24	ng		97
64) 4,6-Dinitro-2-methylphenol	10.25	198	141174	45.04	ng	#	66
65) n-Nitrosodiphenylamine	10.32	169	807230	45.60	ng		96
66) 4-Bromophenyl-phenylether	10.77	248	232911	46.27	ng		95
67) Hexachlorobenzene	10.84	284	236750	46.46	ng	#	89
68) Atrazine	11.00	200	206239	38.90	ng		98
69) Pentachlorophenol	11.10	266	198868	62.70	ng		98
70) Phenanthrene	11.34	178	1250762	43.93	ng		99
71) Anthracene	11.40	178	1297242	44.25	ng		99
72) Carbazole	11.61	167	1200793	39.94	ng		98
73) Di-n-butylphthalate	12.06	149	1466270	46.90	ng		99
74) Fluoranthene	12.80	202	1263201	43.33	ng		99
76) Benzidine	12.97	184	384917	26.58	ng	#	93
77) Pyrene	13.08	202	1271318	47.87	ng		98
79) Butylbenzylphthalate	13.89	149	593521	52.45	ng	#	84
80) Benzo(a)anthracene	14.55	228	969415	45.43	ng		100
81) 3,3'-Dichlorobenzidine	14.52	252	240612	31.55	ng	#	97
82) Chrysene	14.59	228	852769	43.06	ng		99
83) Bis(2-ethylhexyl)phthalate	14.61	149	794370	51.46	ng	#	99
84) Di-n-octyl phthalate	15.36	149	1251670	48.53	ng		97
85) Indeno(1,2,3-cd)pyrene	17.51	276	734399	42.82	ng		100
87) Benzo(b)fluoranthene	15.79	252	737295	47.33	ng		100
88) Benzo(k)fluoranthene	15.82	252	675716	44.33	ng	#	95
89) Benzo(a)pyrene	16.13	252	656381	45.75	ng		99
90) Dibenzo(a,h)anthracene	17.53	278	611649	50.34	ng		99
91) Benzo(g,h,i)perylene	17.90	276	633421	51.73	ng		99

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

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