Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079130.D
Acq On : 11 May 2015 22:05
Operator : TP/IZ
Sample : PB83301BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83301BS

Manual Integrations APPROVED
apatel
5/12/2015 4:50:40 PM

Quant Time: May 12 03:50:33 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 01:34:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	52653	20.00	ng		0.00
21) Naphthalene-d8	8.88	136	217304	20.00	ng		0.00
38) Acenaphthene-d10	11.05	164	111095	20.00	ng		0.00
63) Phenanthrene-d10	12.89	188	220279	20.00	ng		-0.01
75) Chrysene-d12	16.18	240	236924	20.00	ng		-0.05
86) Perylene-d12	17.89	264	253763	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	413804	135.28	ng		0.01
7) Phenol-d6	6.87	99	553070	136.79	ng		0.01
23) Nitrobenzene-d5	7.99	82	294886	77.99	ng		0.00
41) 2,4,6-Tribromophenol	12.03	330	164738	137.07	ng		0.00
44) 2-Fluorobiphenyl	10.22	172	613444	76.93	ng		-0.01
78) Terphenyl-d14	14.89	244	781197	78.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	48554	36.51	ng	#	40
3) Pyridine	2.99	79	134972	34.68	ng		99
4) n-Nitrosodimethylamine	2.90	42	59247m	35.53	ng		
6) Aniline	6.89	93	135759	23.79	ng		97
8) 2-Chlorophenol	7.03	128	149960	43.23	ng		97
9) Benzaldehyde	6.74	77	54303	19.94	ng		88
10) Phenol	6.88	94	207193	44.17	ng		89
11) bis(2-Chloroethyl)ether	6.98	93	138126	40.17	ng		99
12) 1,3-Dichlorobenzene	7.22	146	157385	40.36	ng	#	93
13) 1,4-Dichlorobenzene	7.32	146	155916	38.85	ng		97
14) 1,2-Dichlorobenzene	7.51	146	147989	39.61	ng		96
15) Benzyl Alcohol	7.47	79	120556	40.17	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.66	45	212583	40.41	ng		99
17) 2-Methylphenol	7.62	107	119198	42.70	ng		97
18) Hexachloroethane	7.92	117	54305	39.29	ng	#	88
19) n-Nitroso-di-n-propylamine	7.82	70	105761	38.73	ng	#	79
20) 3+4-Methylphenols	7.82	107	164251	44.15	ng	#	47
22) Acetophenone	7.80	105	213955	43.58	ng		93
24) Nitrobenzene	8.01	77	154003	41.09	ng		96
25) Isophorone	8.31	82	277915	39.65	ng		100
26) 2-Nitrophenol	8.41	139	69440	44.76	ng		94
27) 2,4-Dimethylphenol	8.47	122	139554	44.96	ng		99
28) bis(2-Chloroethoxy)methane	8.59	93	179678	41.58	ng		99
29) 2,4-Dichlorophenol	8.71	162	131452	47.62	ng		98
30) 1,2,4-Trichlorobenzene	8.81	180	125695	41.45	ng		98
31) Naphthalene	8.90	128	436658	42.17	ng		99
32) Benzoic acid	8.57	122	70663	37.88	ng		96
33) 4-Chloroaniline	8.97	127	97600	22.28	ng		98
34) Hexachlorobutadiene	9.05	225	66007	37.80	ng		96
35) Caprolactam	9.39	113	41169	46.12	ng		98
36) 4-Chloro-3-methylphenol	9.59	107	137203	47.32	ng	#	84
37) 2-Methylnaphthalene	9.76	142	304039	42.37	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.96	216	120503	38.51	ng	#	100
40) Hexachlorocyclopentadiene	9.95	237	111877	71.11	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.11	196	88291	41.05	ng		96
43) 2,4,5-Trichlorophenol	10.16	196	97788	44.97	ng		95
45) 1,1'-Biphenyl	10.34	154	364183	41.24	ng		98
46) 2-Chloronaphthalene	10.36	162	285926	41.50	ng		96
47) 2-Nitroaniline	10.49	65	84383	42.28	ng		100
48) Acenaphthylene	10.88	152	466797	41.27	ng		99
49) Dimethylphthalate	10.73	163	345500	42.37	ng		100
50) 2,6-Dinitrotoluene	10.80	165	69321	43.08	ng		94
51) Acenaphthene	11.10	154	265909	39.42	ng		97
52) 3-Nitroaniline	11.00	138	67553	33.61	ng	#	98
53) 2,4-Dinitrophenol	11.14	184	54330	79.69	ng	#	80
54) Dibenzofuran	11.30	168	412954	42.38	ng		97
55) 4-Nitrophenol	11.22	139	135853	85.39	ng	#	82
56) 2,4-Dinitrotoluene	11.30	165	99970	47.00	ng	#	72
57) Fluorene	11.74	166	340175	42.54	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.46	232	77716	43.73	ng	#	100
59) Diethylphthalate	11.61	149	338567	41.91	ng		100
60) 4-Chlorophenyl-phenylether	11.74	204	146107	41.18	ng	#	88
61) 4-Nitroaniline	11.76	138	84870	42.21	ng		94
62) Azobenzene	11.93	77	327047	41.09	ng		93
64) 4,6-Dinitro-2-methylphenol	11.80	198	39718	44.55	ng	#	62
65) n-Nitrosodiphenylamine	11.88	169	291368	39.72	ng		98
66) 4-Bromophenyl-phenylether	12.34	248	93832	40.87	ng	#	85
67) Hexachlorobenzene	12.41	284	109833	41.85	ng	#	81
68) Atrazine	12.56	200	89436	41.92	ng		100
69) Pentachlorophenol	12.66	266	105643	69.76	ng		98
70) Phenanthrene	12.93	178	496133	40.26	ng		100
71) Anthracene	12.99	178	521039	43.10	ng		99
72) Carbazole	13.20	167	523829	45.46	ng		98
73) Di-n-butylphthalate	13.65	149	607102	43.93	ng	#	98
74) Fluoranthene	14.41	202	562936	43.84	ng		91
76) Benzidine	14.58	184	313046	49.03	ng		98
77) Pyrene	14.69	202	588069	43.07	ng		99
79) Butylbenzylphthalate	15.51	149	278736	46.71	ng		92
80) Benzo(a)anthracene	16.17	228	563361	43.42	ng		100
81) 3,3'-Dichlorobenzidine	16.15	252	187243	40.52	ng	#	97
82) Chrysene	16.22	228	512188	41.05	ng		99
83) Bis(2-ethylhexyl)phthalate	16.23	149	410986	45.47	ng		99
84) Di-n-octyl phthalate	16.99	149	709715	44.58	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.35	276	707777	44.52	ng	#	100
87) Benzo(b)fluoranthene	17.44	252	640740	46.13	ng		99
88) Benzo(k)fluoranthene	17.47	252	503316m	37.43	ng		
89) Benzo(a)pyrene	17.82	252	557669	43.60	ng	#	97
90) Dibenzo(a,h)anthracene	19.37	278	556272	40.92	ng		97
91) Benzo(g,h,i)perylene	19.78	276	572773	42.04	ng		97

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

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