Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
Data File : BF080893.D
Acq On : 6 Aug 2015 17:26
Operator : TP/UM
Sample : PB84659BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:15:09 AM

Quant Time: Aug 07 07:02:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 03:17:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	53472	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	211255	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	104635	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	207535	20.00	ng		0.00
75) Chrysene-d12	13.96	240	186623	20.00	ng		0.00
86) Perylene-d12	15.36	264	191687	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	383293	114.27	ng		0.01
7) Phenol-d6	6.44	99	516746	111.91	ng		0.00
23) Nitrobenzene-d5	7.38	82	349597	77.96	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	134908	120.03	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	579520	78.94	ng		0.00
78) Terphenyl-d14	12.91	244	616778	69.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	51205	31.51	ng		97
3) Pyridine	3.10	79	110510	24.19	ng		98
4) n-Nitrosodimethylamine	3.04	42	68736	29.08	ng		98
6) Aniline	6.46	93	152468	22.26	ng		100
8) 2-Chlorophenol	6.59	128	132912	34.90	ng		97
9) Benzaldehyde	6.35	77	117402	36.91	ng		99
10) Phenol	6.45	94	182973	33.02	ng		98
11) bis(2-Chloroethyl)ether	6.54	93	117735	30.01	ng		98
12) 1,3-Dichlorobenzene	6.75	146	123816	29.97	ng		97
13) 1,4-Dichlorobenzene	6.83	146	121780	28.95	ng		98
14) 1,2-Dichlorobenzene	6.98	146	125294	32.49	ng		97
15) Benzyl Alcohol	6.96	79	121912	33.28	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	243402	30.23	ng		99
17) 2-Methylphenol	7.07	107	110802	32.46	ng		98
18) Hexachloroethane	7.32	117	48481	30.35	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	100741	30.64	ng	#	90
20) 3+4-Methylphenols	7.22	107	128195	30.98	ng	#	88
22) Acetophenone	7.22	105	205858	38.97	ng		91
24) Nitrobenzene	7.39	77	141651	30.99	ng		95
25) Isophorone	7.63	82	250364	29.13	ng		95
26) 2-Nitrophenol	7.71	139	65994	34.41	ng		92
27) 2,4-Dimethylphenol	7.76	122	121961	33.14	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	156819	30.78	ng		99
29) 2,4-Dichlorophenol	7.95	162	100109	34.12	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	102688	31.57	ng		99
31) Naphthalene	8.11	128	351572	30.67	ng		100
32) Benzoic acid	7.87	122	100975	43.14	ng		95
33) 4-Chloroaniline	8.17	127	87350	18.43	ng	#	93
34) Hexachlorobutadiene	8.24	225	55587	30.04	ng		99
35) Caprolactam	8.53	113	47038	42.95	ng	#	83
36) 4-Chloro-3-methylphenol	8.65	107	118047	33.41	ng		98
37) 2-Methylnaphthalene	8.81	142	235295	33.29	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	120474	37.80	ng		98
40) Hexachlorocyclopentadiene	8.97	237	150107	82.08	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	69312	29.48	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	74353	31.19	ng		97
45) 1,1'-Biphenyl	9.28	154	372117	42.03	ng		98
46) 2-Chloronaphthalene	9.30	162	215272	31.10	ng		97
47) 2-Nitroaniline	9.39	65	98384	34.95	ng		91
48) Acenaphthylene	9.71	152	388576	32.01	ng		99
49) Dimethylphthalate	9.57	163	258004	31.05	ng		99
50) 2,6-Dinitrotoluene	9.63	165	53036	29.76	ng		92
51) Acenaphthene	9.88	154	272034	36.88	ng		100
52) 3-Nitroaniline	9.80	138	44961	20.41	ng	#	78
53) 2,4-Dinitrophenol	9.90	184	76298	78.15	ng		93
54) Dibenzofuran	10.05	168	341188	34.15	ng		98
55) 4-Nitrophenol	9.96	139	113542	68.29	ng	#	64
56) 2,4-Dinitrotoluene	10.03	165	74153	30.94	ng		99
57) Fluorene	10.40	166	265982	34.03	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	61985	32.58	ng		98
59) Diethylphthalate	10.27	149	278664	30.79	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	106192	28.99	ng		98
61) 4-Nitroaniline	10.41	138	60805	26.91	ng		76
62) Azobenzene	10.54	77	316277	31.89	ng		97
64) 4,6-Dinitro-2-methylphenol	10.44	198	47459	35.10	ng	#	77
65) n-Nitrosodiphenylamine	10.51	169	234271	31.68	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	71028	31.49	ng		97
67) Hexachlorobenzene	10.94	284	75314	30.88	ng	#	95
68) Atrazine	11.04	200	85478	40.04	ng		97
69) Pentachlorophenol	11.14	266	105315	77.04	ng		95
70) Phenanthrene	11.36	178	376727	31.02	ng		99
71) Anthracene	11.40	178	386612	32.34	ng		99
72) Carbazole	11.56	167	384826	31.87	ng		98
73) Di-n-butylphthalate	11.89	149	472493	32.10	ng		99
74) Fluoranthene	12.53	202	450529	33.93	ng		98
76) Benzidine	12.66	184	311760	40.89	ng		99
77) Pyrene	12.76	202	476918	34.38	ng		99
79) Butylbenzylphthalate	13.39	149	226260	34.10	ng		96
80) Benzo(a)anthracene	13.95	228	394253	32.34	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	115107	25.22	ng	#	97
82) Chrysene	13.99	228	408807	35.08	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	313382	34.47	ng		100
84) Di-n-octyl phthalate	14.56	149	547275	34.15	ng		98
85) Indeno(1,2,3-cd)pyrene	16.72	276	385089	33.94	ng		99
87) Benzo(b)fluoranthene	14.97	252	448206m	33.29	ng		
88) Benzo(k)fluoranthene	14.99	252	314202m	27.70	ng		
89) Benzo(a)pyrene	15.30	252	370954	31.98	ng	#	96
90) Dibenzo(a,h)anthracene	16.74	278	324215	32.42	ng		97
91) Benzo(g,h,i)perylene	17.13	276	317551	32.76	ng		98

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

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