Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080934.D
Acq On : 7 Aug 2015 18:57
Operator : TP/UM
Sample : PB84720BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:19:37 PM

Quant Time: Aug 08 05:58:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	52421	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	207034	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	103188	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	207296	20.00	ng		0.00
75) Chrysene-d12	13.96	240	168610	20.00	ng		0.00
86) Perylene-d12	15.36	264	140321	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	317151	98.85	ng		0.01
7) Phenol-d6	6.44	99	468559	106.57	ng		0.00
23) Nitrobenzene-d5	7.38	82	311598	71.19	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	129415	114.16	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	530750	72.41	ng		0.00
78) Terphenyl-d14	12.91	244	642304	78.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	33007	21.69	ng		96
3) Pyridine	3.05	79	116646	27.03	ng		98
4) n-Nitrosodimethylamine	2.99	42	72928	33.10	ng		96
6) Aniline	6.46	93	199460	30.88	ng		99
8) 2-Chlorophenol	6.59	128	141812	38.20	ng		95
9) Benzaldehyde	6.35	77	20763	7.01	ng		93
10) Phenol	6.45	94	206690	39.62	ng		93
11) bis(2-Chloroethyl)ether	6.54	93	133646	34.31	ng		99
12) 1,3-Dichlorobenzene	6.75	146	135853	34.48	ng		98
13) 1,4-Dichlorobenzene	6.83	146	131942	32.23	ng		99
14) 1,2-Dichlorobenzene	6.98	146	131622	35.56	ng		99
15) Benzyl Alcohol	6.96	79	130316	36.22	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	269757	34.43	ng		99
17) 2-Methylphenol	7.07	107	122869	38.77	ng		96
18) Hexachloroethane	7.32	117	52679	33.58	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	117016	36.41	ng		97
20) 3+4-Methylphenols	7.22	107	140887	35.39	ng		99
22) Acetophenone	7.22	105	181567	35.79	ng		98
24) Nitrobenzene	7.39	77	147470	32.72	ng		98
25) Isophorone	7.63	82	285564	33.93	ng	#	92
26) 2-Nitrophenol	7.71	139	71395	37.65	ng		98
27) 2,4-Dimethylphenol	7.76	122	139796	39.38	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	173320	34.30	ng		99
29) 2,4-Dichlorophenol	7.95	162	111851	38.34	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	112118	35.16	ng		99
31) Naphthalene	8.12	128	390117	34.19	ng		99
32) Benzoic acid	7.87	122	94963	44.68	ng		94
33) 4-Chloroaniline	8.17	127	171493	36.98	ng		98
34) Hexachlorobutadiene	8.24	225	64165	33.82	ng		99
35) Caprolactam	8.53	113	43802m	41.74	ng		
36) 4-Chloro-3-methylphenol	8.65	107	131368	36.90	ng		99
37) 2-Methylnaphthalene	8.81	142	265744	36.58	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	108830	34.21	ng		99
40) Hexachlorocyclopentadiene	8.97	237	118934	68.52	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	79001	33.88	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	91151	38.80	ng	#	86
45) 1,1'-Biphenyl	9.28	154	340612	38.46	ng		99
46) 2-Chloronaphthalene	9.30	162	256950	37.21	ng		99
47) 2-Nitroaniline	9.39	65	114659	41.42	ng		99
48) Acenaphthylene	9.71	152	456610	38.04	ng		99
49) Dimethylphthalate	9.57	163	287676	33.56	ng		100
50) 2,6-Dinitrotoluene	9.63	165	62869	35.50	ng		96
51) Acenaphthene	9.88	154	306006	41.63	ng		98
52) 3-Nitroaniline	9.80	138	78604	36.00	ng		97
53) 2,4-Dinitrophenol	9.90	184	72702	68.53	ng	#	80
54) Dibenzofuran	10.05	168	388223	39.05	ng		99
55) 4-Nitrophenol	9.96	139	118976	72.81	ng	#	61
56) 2,4-Dinitrotoluene	10.03	165	95929	40.48	ng		97
57) Fluorene	10.40	166	316168	41.12	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	73401m	39.48	ng		
59) Diethylphthalate	10.27	149	344456	38.61	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	125774	33.57	ng		99
61) 4-Nitroaniline	10.42	138	91261	40.63	ng		90
62) Azobenzene	10.54	77	372719	37.36	ng		99
64) 4,6-Dinitro-2-methylphenol	10.44	198	52090	40.55	ng		91
65) n-Nitrosodiphenylamine	10.51	169	292110	40.56	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	88503	40.31	ng		100
67) Hexachlorobenzene	10.94	284	95200	39.00	ng		98
68) Atrazine	11.04	200	74725	35.39	ng		100
69) Pentachlorophenol	11.14	266	113621	80.05	ng		98
70) Phenanthrene	11.36	178	466149	39.71	ng		100
71) Anthracene	11.40	178	458627	39.47	ng		100
72) Carbazole	11.56	167	462292	40.86	ng		100
73) Di-n-butylphthalate	11.89	149	573301	40.52	ng		99
74) Fluoranthene	12.53	202	514732	40.56	ng		99
76) Benzidine	12.66	184	310519	45.43	ng		97
77) Pyrene	12.76	202	545844	43.82	ng		99
79) Butylbenzylphthalate	13.39	149	266741	44.42	ng		99
80) Benzo(a)anthracene	13.94	228	434506	40.80	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	171236	44.20	ng		99
82) Chrysene	13.99	228	447794	43.91	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	373990	44.76	ng		99
84) Di-n-octyl phthalate	14.56	149	659940	46.59	ng		100
85) Indeno(1,2,3-cd)pyrene	16.72	276	380842	39.24	ng		100
87) Benzo(b)fluoranthene	14.96	252	463907m	47.54	ng		
88) Benzo(k)fluoranthene	14.99	252	292685m	34.29	ng		
89) Benzo(a)pyrene	15.30	252	340084	40.55	ng	#	93
90) Dibenzo(a,h)anthracene	16.74	278	325984	43.95	ng		99
91) Benzo(g,h,i)perylene	17.13	276	321836	44.61	ng		96

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

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