Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078404.D
Acq On : 10 Apr 2015 17:29
Operator : TP/IZ
Sample : PB82621BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Manual Integrations APPROVED
apatel
4/13/2015 4:16:22 PM

Quant Time: Apr 13 10:55:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 11 00:31:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	26232	20.00	ng		-0.01
21) Naphthalene-d8	8.44	136	106362	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	54802	20.00	ng		0.00
63) Phenanthrene-d10	12.42	188	110182	20.00	ng		0.00
75) Chrysene-d12	15.68	240	131914	20.00	ng		-0.01
86) Perylene-d12	17.36	264	132951	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	203918	128.17	ng		0.00
7) Phenol-d6	6.46	99	263921	132.36	ng		0.00
23) Nitrobenzene-d5	7.56	82	149926	85.44	ng		0.00
41) 2,4,6-Tribromophenol	11.57	330	69503	152.92	ng		0.00
44) 2-Fluorobiphenyl	9.78	172	318268	83.02	ng		0.00
78) Terphenyl-d14	14.41	244	432043	74.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	33275m	46.25	ng		
3) Pyridine	2.26	79	73008	38.74	ng	#	94
4) n-Nitrosodimethylamine	2.19	42	34930m	48.15	ng		
6) Aniline	6.45	93	37108	13.12	ng	#	74
8) 2-Chlorophenol	6.59	128	77223	41.05	ng		98
9) Benzaldehyde	6.29	77	24283	18.38	ng		91
10) Phenol	6.48	94	98042	41.04	ng		100
11) bis(2-Chloroethyl)ether	6.56	93	69093	40.22	ng		92
12) 1,3-Dichlorobenzene	6.77	146	79030	38.24	ng		98
13) 1,4-Dichlorobenzene	6.88	146	79688	38.31	ng		98
14) 1,2-Dichlorobenzene	7.06	146	75384	38.65	ng		99
15) Benzyl Alcohol	7.06	79	64471	46.01	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.24	45	93315	40.72	ng		97
17) 2-Methylphenol	7.22	107	60869	41.67	ng		95
18) Hexachloroethane	7.48	117	26773	38.17	ng		96
19) n-Nitroso-di-n-propylamine	7.39	70	50599	38.46	ng	#	84
20) 3+4-Methylphenols	7.42	107	82561	42.37	ng		94
22) Acetophenone	7.38	105	107301	43.30	ng	#	93
24) Nitrobenzene	7.58	77	78738	42.92	ng		89
25) Isophorone	7.88	82	135605	40.72	ng	#	91
26) 2-Nitrophenol	7.98	139	36478	41.73	ng		92
27) 2,4-Dimethylphenol	8.06	122	72026	44.31	ng		96
28) bis(2-Chloroethoxy)methane	8.18	93	88819	41.59	ng		99
29) 2,4-Dichlorophenol	8.28	162	67441	45.60	ng		90
30) 1,2,4-Trichlorobenzene	8.37	180	67965	40.08	ng		97
31) Naphthalene	8.46	128	227238	41.05	ng		99
32) Benzoic acid	8.19	122	39734	51.50	ng		92
33) 4-Chloroaniline	8.56	127	36164	15.74	ng		97
34) Hexachlorobutadiene	8.62	225	37174	39.93	ng		98
35) Caprolactam	8.97	113	22662	51.34	ng		98
36) 4-Chloro-3-methylphenol	9.17	107	71718	48.06	ng		95
37) 2-Methylnaphthalene	9.32	142	157725	41.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	67125	39.53	ng		98
40) Hexachlorocyclopentadiene	9.50	237	56580	77.62	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	47364	44.23	ng		97
43) 2,4,5-Trichlorophenol	9.73	196	50354	45.01	ng	#	83
45) 1,1'-Biphenyl	9.90	154	186759	41.66	ng		100
46) 2-Chloronaphthalene	9.92	162	150756	42.74	ng		96
47) 2-Nitroaniline	10.05	65	40967	46.95	ng		93
48) Acenaphthylene	10.42	152	240645	42.25	ng		99
49) Dimethylphthalate	10.29	163	170481	41.41	ng		100
50) 2,6-Dinitrotoluene	10.37	165	37106	43.81	ng		98
51) Acenaphthene	10.64	154	137540	42.89	ng		100
52) 3-Nitroaniline	10.57	138	25636	26.62	ng		89
53) 2,4-Dinitrophenol	10.70	184	28776	84.82	ng		95
54) Dibenzofuran	10.85	168	216180	44.14	ng		93
55) 4-Nitrophenol	10.81	139	62945	88.45	ng	#	74
56) 2,4-Dinitrotoluene	10.86	165	53862	49.10	ng		91
57) Fluorene	11.27	166	173924	43.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.01	232	40453	48.77	ng	#	99
59) Diethylphthalate	11.17	149	176168	44.38	ng		99
60) 4-Chlorophenyl-phenylether	11.29	204	81100	44.41	ng	#	88
61) 4-Nitroaniline	11.31	138	40079	41.16	ng		93
62) Azobenzene	11.48	77	186887	51.58	ng		87
64) 4,6-Dinitro-2-methylphenol	11.36	198	22865	42.91	ng	#	72
65) n-Nitrosodiphenylamine	11.44	169	157989	41.45	ng		99
66) 4-Bromophenyl-phenylether	11.88	248	46998	40.28	ng		94
67) Hexachlorobenzene	11.94	284	51435	40.23	ng		96
68) Atrazine	12.12	200	51923	47.04	ng		97
69) Pentachlorophenol	12.19	266	51950	90.49	ng		97
70) Phenanthrene	12.44	178	267199	41.92	ng		99
71) Anthracene	12.51	178	272503	43.39	ng		99
72) Carbazole	12.73	167	280491	47.66	ng		98
73) Di-n-butylphthalate	13.19	149	308258	46.23	ng		99
74) Fluoranthene	13.91	202	310303	46.17	ng		97
76) Benzidine	14.10	184	101279	19.94	ng		97
77) Pyrene	14.18	202	322434	38.94	ng		98
79) Butylbenzylphthalate	15.04	149	140211	44.42	ng		86
80) Benzo(a)anthracene	15.67	228	325419	41.46	ng		99
81) 3,3'-Dichlorobenzidine	15.65	252	54180	20.61	ng	#	97
82) Chrysene	15.71	228	306450	41.56	ng		98
83) Bis(2-ethylhexyl)phthalate	15.76	149	208196	42.06	ng	#	95
84) Di-n-octyl phthalate	16.53	149	372628	45.84	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.59	276	374034m	44.70	ng		
87) Benzo(b)fluoranthene	16.93	252	333561	40.59	ng		99
88) Benzo(k)fluoranthene	16.97	252	323687m	44.33	ng		
89) Benzo(a)pyrene	17.30	252	322597	44.99	ng		98
90) Dibenzo(a,h)anthracene	18.61	278	298031	41.51	ng		98
91) Benzo(g,h,i)perylene	18.95	276	295759	41.09	ng		97

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

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