Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086197.D
Acq On : 9 Apr 2016 4:49
Operator : UM/SJ
Sample : H2346-06MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MS

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:29 PM

Quant Time: Apr 09 06:51:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	114132	20.00	ng		-0.05
21) Naphthalene-d8	8.02	136	446243	20.00	ng		-0.05
38) Acenaphthene-d10	9.77	164	186055	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	289030	20.00	ng		-0.05
75) Chrysene-d12	13.88	240	217622	20.00	ng		-0.05
86) Perylene-d12	15.28	264	186630	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	833104	124.77	ng		-0.03
7) Phenol-d6	6.38	99	1080868	127.44	ng		-0.03
23) Nitrobenzene-d5	7.30	82	709759	93.80	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	195850	112.15	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1010503	90.30	ng		-0.05
78) Terphenyl-d14	12.83	244	750710	81.09	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	129252	40.83	ng		98
3) Pyridine	2.99	79	300838	42.45	ng		99
4) n-Nitrosodimethylamine	2.94	42	149331	47.92	ng		99
6) Aniline	6.40	93	233460	20.98	ng	#	9
8) 2-Chlorophenol	6.52	128	347991	43.70	ng		97
9) Benzaldehyde	6.27	77	118932	26.06	ng		90
10) Phenol	6.40	94	347386	35.91	ng	#	64
11) bis(2-Chloroethyl)ether	6.48	93	333014	43.47	ng		98
12) 1,3-Dichlorobenzene	6.67	146	371145	43.98	ng		97
13) 1,4-Dichlorobenzene	6.75	146	366023	42.10	ng		94
14) 1,2-Dichlorobenzene	6.90	146	333401	41.66	ng		98
15) Benzyl Alcohol	6.89	79	249750	45.52	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	365041	39.00	ng		51
17) 2-Methylphenol	7.00	107	269726	42.96	ng	#	93
18) Hexachloroethane	7.23	117	111266	34.79	ng	#	80
19) n-Nitroso-di-n-propylamine	7.15	70	225349	42.87	ng	#	92
20) 3+4-Methylphenols	7.16	107	351109	45.98	ng	#	65
22) Acetophenone	7.15	105	471904	44.99	ng	#	90
24) Nitrobenzene	7.32	77	360657	43.57	ng		98
25) Isophorone	7.56	82	660407	44.21	ng		98
26) 2-Nitrophenol	7.64	139	152142	38.41	ng		94
27) 2,4-Dimethylphenol	7.69	122	322746	45.37	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	408986	46.66	ng		99
29) 2,4-Dichlorophenol	7.89	162	261809	43.53	ng		92
30) 1,2,4-Trichlorobenzene	7.96	180	294768	43.66	ng		97
31) Naphthalene	8.04	128	980431	43.68	ng		99
32) Benzoic acid	7.80	122	56652	10.85	ng		99
33) 4-Chloroaniline	8.10	127	116084	12.80	ng		99
34) Hexachlorobutadiene	8.16	225	155337	42.80	ng		100
35) Caprolactam	8.48	113	85850	45.00	ng	#	84
36) 4-Chloro-3-methylphenol	8.59	107	279619	41.36	ng		92
37) 2-Methylnaphthalene	8.73	142	572300	39.03	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	262270	46.90	ng		98
40) Hexachlorocyclopentadiene	8.88	237	21493	18.78	ng		99

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42) 2,4,6-Trichlorophenol	9.01	196	159721	44.48	ng		100
43) 2,4,5-Trichlorophenol	9.07	196	165090	45.28	ng		100
45) 1,1'-Biphenyl	9.20	154	715652	44.61	ng		96
46) 2-Chloronaphthalene	9.22	162	525641	45.20	ng		96
47) 2-Nitroaniline	9.32	65	166280	48.87	ng		96
48) Acenaphthylene	9.63	152	786615	42.23	ng		100
49) Dimethylphthalate	9.49	163	730292	52.96	ng		99
50) 2,6-Dinitrotoluene	9.56	165	112025	38.40	ng	#	85
51) Acenaphthene	9.80	154	464323	41.91	ng		99
52) 3-Nitroaniline	9.73	138	116233	33.05	ng		97
53) 2,4-Dinitrophenol	9.87	184	7859	9.10	ng	#	80
54) Dibenzofuran	9.97	168	665556	45.49	ng		100
55) 4-Nitrophenol	9.92	139	152326	73.48	ng		85
56) 2,4-Dinitrotoluene	9.97	165	129206	35.05	ng	#	47
57) Fluorene	10.32	166	514335	41.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	120858	44.52	ng		97
59) Diethylphthalate	10.19	149	592074	42.54	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	223998	38.47	ng		97
61) 4-Nitroaniline	10.35	138	136287	39.36	ng		93
62) Azobenzene	10.46	77	591548	44.37	ng		99
64) 4,6-Dinitro-2-methylphenol	10.38	198	11433	6.53	ng		94
65) n-Nitrosodiphenylamine	10.43	169	466461	51.61	ng		100
66) 4-Bromophenyl-phenylether	10.80	248	148610	50.36	ng		96
67) Hexachlorobenzene	10.86	284	146958	48.16	ng	#	93
68) Atrazine	10.96	200	121553	41.62	ng		96
69) Pentachlorophenol	11.07	266	112916	78.96	ng		98
70) Phenanthrene	11.28	178	727795	46.16	ng		100
71) Anthracene	11.32	178	664237	40.21	ng		100
72) Carbazole	11.48	167	581754	40.97	ng		99
73) Di-n-butylphthalate	11.81	149	836678	47.56	ng		100
74) Fluoranthene	12.45	202	622107	37.93	ng		99
76) Benzidine	12.59	184	495241	64.50	ng		98
77) Pyrene	12.68	202	635815	41.46	ng		99
79) Butylbenzylphthalate	13.30	149	308540	44.68	ng	#	66
80) Benzo(a)anthracene	13.87	228	544884	42.48	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	166696	17.79	ng		99
82) Chrysene	13.92	228	533068	43.14	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	430044	46.92	ng		99
84) Di-n-octyl phthalate	14.48	149	798982	54.59	ng		98
85) Indeno(1,2,3-cd)pyrene	16.63	276	430865	42.98	ng		99
87) Benzo(b)fluoranthene	14.89	252	466359m	39.72	ng		
88) Benzo(k)fluoranthene	14.92	252	489205m	47.06	ng		
89) Benzo(a)pyrene	15.23	252	448509	43.12	ng	#	95
90) Dibenzo(a,h)anthracene	16.63	278	372759	44.54	ng		99
91) Benzo(g,h,i)perylene	17.01	276	344974	42.59	ng		98

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

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