Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084014.D
Acq On : 23 Dec 2015 3:21
Operator : UM/SJ
Sample : G4916-06MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MS

Manual Integrations APPROVED
apatel
12/23/2015 4:31:45 PM

Quant Time: Dec 23 04:53:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	46766	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	181696	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	90488	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	173487	20.00	ng		0.00
75) Chrysene-d12	14.00	240	157353	20.00	ng		0.00
86) Perylene-d12	15.43	264	113557	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	185513	67.64	ng		0.01
7) Phenol-d6	6.48	99	144538	44.82	ng		0.00
23) Nitrobenzene-d5	7.40	82	316447	106.99	ng		0.01
41) 2,4,6-Tribromophenol	10.67	330	150789	173.25	ng		0.01
44) 2-Fluorobiphenyl	9.20	172	636910	94.73	ng		0.00
78) Terphenyl-d14	12.93	244	637042	96.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	20199	15.47	ng	#	92
3) Pyridine	3.18	79	46422m	15.62	ng		
4) n-Nitrosodimethylamine	3.10	42	24688	22.35	ng		99
6) Aniline	6.49	93	117376	26.30	ng		89
8) 2-Chlorophenol	6.62	128	126231	39.96	ng		88
9) Benzaldehyde	6.37	77	60171	27.94	ng		99
10) Phenol	6.49	94	61207	16.41	ng	#	33
11) bis(2-Chloroethyl)ether	6.57	93	140376	49.24	ng		96
12) 1,3-Dichlorobenzene	6.77	146	150747	42.96	ng		99
13) 1,4-Dichlorobenzene	6.84	146	150918	44.04	ng		97
14) 1,2-Dichlorobenzene	7.00	146	153747	46.93	ng		99
15) Benzyl Alcohol	6.98	79	92333	36.36	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.12	45	131580	47.81	ng		90
17) 2-Methylphenol	7.10	107	84039	33.40	ng	#	90
18) Hexachloroethane	7.34	117	55362	44.06	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	104860	53.66	ng		97
20) 3+4-Methylphenols	7.25	107	99895	32.17	ng	#	61
22) Acetophenone	7.24	105	213685	50.12	ng	#	92
24) Nitrobenzene	7.41	77	150582	49.40	ng		98
25) Isophorone	7.65	82	280222	50.00	ng		99
26) 2-Nitrophenol	7.73	139	81034	49.40	ng		90
27) 2,4-Dimethylphenol	7.78	122	121407	42.46	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	185908	53.55	ng		99
29) 2,4-Dichlorophenol	7.98	162	126669	49.59	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	123803	46.46	ng		97
31) Naphthalene	8.13	128	423862	45.66	ng		99
32) Benzoic acid	7.89	122	18121	17.51	ng		96
33) 4-Chloroaniline	8.19	127	119507	31.48	ng	#	93
34) Hexachlorobutadiene	8.26	225	73651	46.24	ng		99
35) Caprolactam	8.57	113	6182	8.05	ng		87
36) 4-Chloro-3-methylphenol	8.68	107	134654	49.28	ng		97
37) 2-Methylnaphthalene	8.83	142	321938	53.56	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	139415	51.25	ng		98
40) Hexachlorocyclopentadiene	8.99	237	73554	84.73	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	87789	53.59	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	89007	52.21	ng	#	93
45) 1,1'-Biphenyl	9.30	154	396703	49.59	ng		96
46) 2-Chloronaphthalene	9.32	162	302941	52.61	ng		95
47) 2-Nitroaniline	9.41	65	74673	47.57	ng		91
48) Acenaphthylene	9.73	152	454408	49.83	ng		100
49) Dimethylphthalate	9.61	163	383736	54.19	ng	#	91
50) 2,6-Dinitrotoluene	9.66	165	84550	56.58	ng		98
51) Acenaphthene	9.90	154	272026	50.17	ng		99
52) 3-Nitroaniline	9.82	138	44817	28.24	ng		94
53) 2,4-Dinitrophenol	9.95	184	62323	95.72	ng	#	90
54) Dibenzofuran	10.08	168	401585	49.48	ng	#	89
55) 4-Nitrophenol	10.01	139	34643	37.14	ng		85
56) 2,4-Dinitrotoluene	10.06	165	99830	53.14	ng	#	88
57) Fluorene	10.42	166	317099	49.31	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	73241	54.48	ng		97
59) Diethylphthalate	10.29	149	374914	53.88	ng		95
60) 4-Chlorophenyl-phenylether	10.41	204	146681	49.78	ng	#	83
61) 4-Nitroaniline	10.44	138	64427	39.68	ng		97
62) Azobenzene	10.57	77	340455	55.41	ng		89
64) 4,6-Dinitro-2-methylphenol	10.48	198	49369	48.68	ng	#	59
65) n-Nitrosodiphenylamine	10.53	169	304658	47.55	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	96179	48.35	ng	#	75
67) Hexachlorobenzene	10.97	284	106089	48.86	ng	#	70
68) Atrazine	11.06	200	90409	46.67	ng		96
69) Pentachlorophenol	11.17	266	84583	104.07	ng		98
70) Phenanthrene	11.38	178	466593	47.59	ng		98
71) Anthracene	11.44	178	527921	53.02	ng		99
72) Carbazole	11.58	167	437182	46.95	ng		99
73) Di-n-butylphthalate	11.92	149	576726	49.88	ng	#	97
74) Fluoranthene	12.57	202	510850	52.54	ng		98
76) Benzidine	12.68	184	164616	29.33	ng		99
77) Pyrene	12.80	202	527488	49.41	ng		99
79) Butylbenzylphthalate	13.41	149	287619	58.58	ng		88
80) Benzo(a)anthracene	13.99	228	450488	49.65	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	73170	21.44	ng	#	97
82) Chrysene	14.02	228	376335	44.68	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	372151	54.65	ng	#	98
84) Di-n-octyl phthalate	14.58	149	585316	55.90	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	329588	47.30	ng		99
87) Benzo(b)fluoranthene	15.01	252	362125m	50.58	ng		
88) Benzo(k)fluoranthene	15.05	252	392368m	57.63	ng		
89) Benzo(a)pyrene	15.37	252	344926	52.02	ng		99
90) Dibenzo(a,h)anthracene	16.84	278	279332	50.84	ng		97
91) Benzo(g,h,i)perylene	17.25	276	270396	48.65	ng		99

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

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