Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016417.D
Acq On : 15 Apr 2015 11:47
Operator : TP/IZ
Sample : G1822-04MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-025MSD

Manual Integrations APPROVED
apatel
4/16/2015 3:33:05 PM

Quant Time: Apr 16 03:29:54 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 14:00:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	93375	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	440510	20.00	ng		0.00
38) Acenaphthene-d10	14.31	164	261769	20.00	ng		0.00
63) Phenanthrene-d10	17.05	188	548466	20.00	ng		0.00
75) Chrysene-d12	21.23	240	463484	20.00	ng		0.00
86) Perylene-d12	23.46	264	422230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	605197	102.29	ng		0.00
7) Phenol-d6	6.85	99	879477	99.02	ng		0.00
23) Nitrobenzene-d5	8.83	82	457358	60.15	ng		0.00
41) 2,4,6-Tribromophenol	15.80	330	178827	101.01	ng		0.00
44) 2-Fluorobiphenyl	12.93	172	935436	60.84	ng		0.00
78) Terphenyl-d14	19.68	244	1109202	56.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	65224	24.25	ng		99
3) Pyridine	3.53	79	185166	23.04	ng		96
4) n-Nitrosodimethylamine	3.45	42	65598	27.45	ng		97
6) Aniline	7.00	93	260943	20.57	ng		98
8) 2-Chlorophenol	7.24	128	240652	33.87	ng		96
9) Benzaldehyde	6.81	77	67599	12.99	ng		98
10) Phenol	6.88	94	338270	35.60	ng		98
11) bis(2-Chloroethyl)ether	7.10	93	218484	28.83	ng		98
12) 1,3-Dichlorobenzene	7.55	146	212093	29.56	ng		98
13) 1,4-Dichlorobenzene	7.70	146	221594	29.77	ng		96
14) 1,2-Dichlorobenzene	8.02	146	210980	29.64	ng		98
15) Benzyl Alcohol	7.91	79	186510	30.12	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	234902	27.52	ng		97
17) 2-Methylphenol	8.12	107	209399	32.86	ng		98
18) Hexachloroethane	8.74	117	79641	27.97	ng		98
19) n-Nitroso-di-n-propylamine	8.47	70	170583	26.81	ng		98
20) 3+4-Methylphenols	8.45	107	288241	32.66	ng		99
22) Acetophenone	8.49	105	315096	30.85	ng	#	99
24) Nitrobenzene	8.87	77	235621	28.98	ng		94
25) Isophorone	9.39	82	470965	27.89	ng		98
26) 2-Nitrophenol	9.57	139	135535	35.74	ng		99
27) 2,4-Dimethylphenol	9.64	122	232453	32.91	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	289453	30.03	ng		99
29) 2,4-Dichlorophenol	10.11	162	204880	36.66	ng		96
30) 1,2,4-Trichlorobenzene	10.32	180	185581	31.80	ng		99
31) Naphthalene	10.50	128	698157	30.41	ng		99
32) Benzoic acid	9.74	122	42740	16.32	ng		93
33) 4-Chloroaniline	10.62	127	248565	23.08	ng		97
34) Hexachlorobutadiene	10.79	225	80309	31.33	ng		99
35) Caprolactam	11.38	113	113501m	32.26	ng		
36) 4-Chloro-3-methylphenol	11.76	107	248525	33.66	ng		97
37) 2-Methylnaphthalene	12.12	142	511456	30.97	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	174907	30.35	ng		100
40) Hexachlorocyclopentadiene	12.47	237	140448	53.24	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	142635	33.31	ng	99
43) 2,4,5-Trichlorophenol	12.82	196	157938	34.52	ng	94
45) 1,1'-Biphenyl	13.14	154	626030	31.18	ng	99
46) 2-Chloronaphthalene	13.18	162	466517	30.50	ng	100
47) 2-Nitroaniline	13.39	65	154122	31.26	ng	94
48) Acenaphthylene	14.03	152	797715	29.33	ng	99
49) Dimethylphthalate	13.77	163	707033	36.85	ng	100
50) 2,6-Dinitrotoluene	13.90	165	149050	32.12	ng	93
51) Acenaphthene	14.37	154	489995	30.15	ng	99
52) 3-Nitroaniline	14.23	138	161391	27.24	ng	93
53) 2,4-Dinitrophenol	14.43	184	157040	60.71	ng	94
54) Dibenzofuran	14.71	168	701962	31.12	ng	99
55) 4-Nitrophenol	14.55	139	321861	65.72	ng	98
56) 2,4-Dinitrotoluene	14.69	165	207365	32.81	ng	92
57) Fluorene	15.36	166	615847	30.95	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.94	232	122220	34.61	ng	93
59) Diethylphthalate	15.14	149	617210	30.22	ng	100
60) 4-Chlorophenyl-phenylether	15.36	204	252112	30.97	ng	98
61) 4-Nitroaniline	15.39	138	203524	30.26	ng	98
62) Azobenzene	15.65	77	773686	35.60	ng	98
64) 4,6-Dinitro-2-methylphenol	15.45	198	114839	31.23	ng	93
65) n-Nitrosodiphenylamine	15.57	169	554654	29.91	ng	100
66) 4-Bromophenyl-phenylether	16.25	248	133523	30.49	ng	97
67) Hexachlorobenzene	16.36	284	135183	29.70	ng	98
68) Atrazine	16.52	200	172717	33.42	ng	99
69) Pentachlorophenol	16.71	266	164867	59.32	ng	98
70) Phenanthrene	17.09	178	928392	30.09	ng	99
71) Anthracene	17.18	178	915775	29.96	ng	99
72) Carbazole	17.46	167	963421	31.40	ng	99
73) Di-n-butylphthalate	18.02	149	1132387	30.16	ng	100
74) Fluoranthene	19.12	202	983638	30.94	ng	97
76) Benzidine	19.30	184	361223	18.38	ng	98
77) Pyrene	19.47	202	1022563	31.68	ng	99
79) Butylbenzylphthalate	20.38	149	528678	33.34	ng	95
80) Benzo(a)anthracene	21.22	228	838839	30.62	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	254878	28.29	ng	98
82) Chrysene	21.27	228	796715	30.13	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	712132	33.18	ng	97
84) Di-n-octyl phthalate	22.02	149	1170969	33.48	ng	98
85) Indeno(1,2,3-cd)pyrene	25.74	276	859563	31.29	ng	99
87) Benzo(b)fluoranthene	22.79	252	817162	33.04	ng	98
88) Benzo(k)fluoranthene	22.83	252	731524	30.23	ng	99
89) Benzo(a)pyrene	23.37	252	759167	32.76	ng	99
90) Dibenzo(a,h)anthracene	25.75	278	711706	31.56	ng	98
91) Benzo(g,h,i)perylene	26.44	276	722179	32.06	ng	98

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

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