Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016803.D
Acq On : 29 Apr 2015 17:46
Operator : TP/IZ
Sample : G2022-16MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMPMS

Manual Integrations APPROVED
apatel
5/1/2015 8:57:19 AM

Quant Time: Apr 30 02:26:17 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 02:01:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	47034	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	212062	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	129603	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	281257	20.00	ng	0.00
75) Chrysene-d12	21.16	240	258210	20.00	ng	0.00
86) Perylene-d12	23.35	264	241016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	206828	81.00	ng	0.00
7) Phenol-d6	6.77	99	296557	82.75	ng	0.00
23) Nitrobenzene-d5	8.72	82	149639	45.97	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	77293	80.08	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	362668	43.33	ng	0.00
78) Terphenyl-d14	19.61	244	477053	44.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	20733	18.96	ng	96
3) Pyridine	3.41	79	54343	17.70	ng	94
4) n-Nitrosodimethylamine	3.34	42	20924	23.35	ng	96
6) Aniline	6.90	93	85210	17.59	ng	99
8) 2-Chlorophenol	7.14	128	83392	25.69	ng	98
9) Benzaldehyde	6.71	77	5095	2.49	ng	93
10) Phenol	6.80	94	111127	30.23	ng	99
11) bis(2-Chloroethyl)ether	7.00	93	71160	24.27	ng	99
12) 1,3-Dichlorobenzene	7.45	146	75633	21.87	ng	98
13) 1,4-Dichlorobenzene	7.60	146	77944	22.06	ng	97
14) 1,2-Dichlorobenzene	7.91	146	76949	22.73	ng	95
15) Benzyl Alcohol	7.81	79	55826	24.99	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.11	45	65535	25.32	ng	98
17) 2-Methylphenol	8.04	107	70702	26.70	ng	98
18) Hexachloroethane	8.63	117	26174	21.00	ng	93
19) n-Nitroso-di-n-propylamine	8.37	70	52473	22.91	ng	100
20) 3+4-Methylphenols	8.37	107	94896	26.09	ng	96
22) Acetophenone	8.39	105	107464	25.26	ng	99
24) Nitrobenzene	8.76	77	74373	24.18	ng	94
25) Isophorone	9.29	82	153750	23.72	ng	99
26) 2-Nitrophenol	9.48	139	47240	24.22	ng	97
27) 2,4-Dimethylphenol	9.55	122	84154	26.08	ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	94778	25.09	ng	99
29) 2,4-Dichlorophenol	10.02	162	75530	26.93	ng	96
30) 1,2,4-Trichlorobenzene	10.22	180	69235	23.32	ng	99
31) Naphthalene	10.40	128	254226	24.02	ng	99
32) Benzoic acid	9.71	122	3429m	2.14	ng	
33) 4-Chloroaniline	10.53	127	95045	20.68	ng	98
34) Hexachlorobutadiene	10.68	225	30512	22.65	ng	96
35) Caprolactam	11.29	113	39129	25.45	ng	93
36) 4-Chloro-3-methylphenol	11.68	107	85211	26.97	ng	97
37) 2-Methylnaphthalene	12.02	142	190997	24.64	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	69725	23.69	ng	99
40) Hexachlorocyclopentadiene	12.37	237	29676	50.31	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.65	196	54605	24.54	ng	99
43) 2,4,5-Trichlorophenol	12.74	196	58358	25.85	ng	96
45) 1,1'-Biphenyl	13.05	154	241108	25.32	ng	98
46) 2-Chloronaphthalene	13.09	162	181574	24.71	ng	100
47) 2-Nitroaniline	13.31	65	47595	25.94	ng	96
48) Acenaphthylene	13.94	152	318940	24.41	ng	99
49) Dimethylphthalate	13.69	163	262500	28.26	ng	99
50) 2,6-Dinitrotoluene	13.81	165	57933	25.47	ng	95
51) Acenaphthene	14.29	154	191163	24.59	ng	99
52) 3-Nitroaniline	14.15	138	59856	23.29	ng	95
53) 2,4-Dinitrophenol	14.36	184	35974	43.32	ng	97
54) Dibenzofuran	14.62	168	282683	25.53	ng	98
55) 4-Nitrophenol	14.49	139	92189	52.56	ng	96
56) 2,4-Dinitrotoluene	14.61	165	80552	26.00	ng	99
57) Fluorene	15.27	166	248192	25.52	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.86	232	44344	25.85	ng	95
59) Diethylphthalate	15.05	149	244546	25.46	ng	97
60) 4-Chlorophenyl-phenylether	15.27	204	103116	25.11	ng	98
61) 4-Nitroaniline	15.31	138	67643	26.07	ng	98
62) Azobenzene	15.56	77	212922	26.79	ng	99
64) 4,6-Dinitro-2-methylphenol	15.37	198	37791	24.56	ng	99
65) n-Nitrosodiphenylamine	15.49	169	221401	24.28	ng	99
66) 4-Bromophenyl-phenylether	16.16	248	55169	24.42	ng	97
67) Hexachlorobenzene	16.28	284	55980	23.69	ng	93
68) Atrazine	16.44	200	69300	26.11	ng	97
69) Pentachlorophenol	16.63	266	46876	51.60	ng	98
70) Phenanthrene	17.01	178	372941	24.52	ng	99
71) Anthracene	17.10	178	377175	24.79	ng	98
72) Carbazole	17.38	167	388182	26.08	ng	100
73) Di-n-butylphthalate	17.94	149	451518	24.53	ng	98
74) Fluoranthene	19.03	202	399208	24.41	ng	99
76) Benzidine	19.23	184	194875	19.62	ng	98
77) Pyrene	19.39	202	421365	24.96	ng	99
79) Butylbenzylphthalate	20.30	149	204599	24.32	ng	98
80) Benzo(a)anthracene	21.14	228	364294	24.42	ng	97
81) 3,3'-Dichlorobenzidine	21.08	252	107303	21.14	ng	99
82) Chrysene	21.20	228	345372	24.48	ng	99
83) Bis(2-ethylhexyl)phthalate	21.07	149	288435	24.37	ng	100
84) Di-n-octyl phthalate	21.93	149	486575	24.32	ng	100
85) Indeno(1,2,3-cd)pyrene	25.58	276	374370	23.31	ng	98
87) Benzo(b)fluoranthene	22.70	252	335330	24.44	ng	99
88) Benzo(k)fluoranthene	22.74	252	332787	24.77	ng	99
89) Benzo(a)pyrene	23.26	252	324483	24.97	ng	100
90) Dibenzo(a,h)anthracene	25.59	278	309958	23.64	ng	97
91) Benzo(g,h,i)perylene	26.26	276	311526	23.64	ng	99

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

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