Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
Data File : BG016610.D
Acq On : 22 Apr 2015 8:34
Operator : TP/IZ
Sample : G1928-03MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0437MS

Manual Integrations APPROVED
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4/22/2015 5:21:20 PM

Quant Time: Apr 22 15:58:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	51224	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	225298	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	135166	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	318179	20.00	ng	0.00
75) Chrysene-d12	21.21	240	323471	20.00	ng	0.00
86) Perylene-d12	23.42	264	302052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	194221	60.77	ng	0.00
7) Phenol-d6	6.82	99	170618	38.21	ng	0.00
23) Nitrobenzene-d5	8.79	82	311856	85.23	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	144335	157.22	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	702117	86.03	ng	0.00
78) Terphenyl-d14	19.66	244	1018248	75.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	16356	11.38	ng	# 93
3) Pyridine	3.52	79	8152	2.05	ng	# 87
4) n-Nitrosodimethylamine	3.42	42	13730	11.54	ng	# 93
6) Aniline	6.97	93	33162	5.38	ng	97
8) 2-Chlorophenol	7.21	128	134140	35.16	ng	99
9) Benzaldehyde	6.78	77	24867	12.24	ng	88
10) Phenol	6.85	94	66350	14.05	ng	97
11) bis(2-Chloroethyl)ether	7.07	93	147536	39.90	ng	99
12) 1,3-Dichlorobenzene	7.52	146	141599	35.55	ng	98
13) 1,4-Dichlorobenzene	7.67	146	143706	35.44	ng	99
14) 1,2-Dichlorobenzene	7.98	146	141728	36.74	ng	99
15) Benzyl Alcohol	7.88	79	56329	19.82	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	147919	41.31	ng	98
17) 2-Methylphenol	8.09	107	94897	29.81	ng	99
18) Hexachloroethane	8.70	117	49786	34.19	ng	98
19) n-Nitroso-di-n-propylamine	8.44	70	111188	38.52	ng	96
20) 3+4-Methylphenols	8.42	107	113367	25.86	ng	99
22) Acetophenone	8.46	105	213613	42.57	ng	100
24) Nitrobenzene	8.83	77	159361	41.85	ng	97
25) Isophorone	9.36	82	309900	41.37	ng	98
26) 2-Nitrophenol	9.54	139	90953	43.26	ng	96
27) 2,4-Dimethylphenol	9.61	122	144687	40.47	ng	99
28) bis(2-Chloroethoxy)methane	9.84	93	189244	42.13	ng	99
29) 2,4-Dichlorophenol	10.08	162	134859	45.62	ng	98
30) 1,2,4-Trichlorobenzene	10.28	180	121849	38.77	ng	98
31) Naphthalene	10.47	128	472151	40.14	ng	99
32) Benzoic acid	9.77	122	5011	11.41	ng	97
33) 4-Chloroaniline	10.59	127	57593	10.71	ng	99
34) Hexachlorobutadiene	10.75	225	49210	35.23	ng	98
35) Caprolactam	11.37	113	6413m	3.75	ng	
36) 4-Chloro-3-methylphenol	11.73	107	149472	41.87	ng	98
37) 2-Methylnaphthalene	12.09	142	354498	42.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.46	216	124851	40.15	ng	100
40) Hexachlorocyclopentadiene	12.44	237	74284	62.61	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.71	196	97305	44.19	ng	98
43) 2,4,5-Trichlorophenol	12.79	196	108607	46.26	ng	97
45) 1,1'-Biphenyl	13.11	154	445313	42.78	ng	98
46) 2-Chloronaphthalene	13.15	162	336808	42.25	ng	99
47) 2-Nitroaniline	13.37	65	107238	46.12	ng	93
48) Acenaphthylene	14.00	152	598896	42.32	ng	98
49) Dimethylphthalate	13.75	163	469534	46.98	ng	99
50) 2,6-Dinitrotoluene	13.87	165	116445	47.44	ng	99
51) Acenaphthene	14.34	154	367617	43.53	ng	98
52) 3-Nitroaniline	14.20	138	74806	24.68	ng	97
53) 2,4-Dinitrophenol	14.42	184	105853	91.61	ng	96
54) Dibenzofuran	14.68	168	549613	46.23	ng	99
55) 4-Nitrophenol	14.53	139	87425	38.10	ng	98
56) 2,4-Dinitrotoluene	14.66	165	170499	50.48	ng	95
57) Fluorene	15.33	166	488419	46.62	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.91	232	88775	50.11	ng	99
59) Diethylphthalate	15.11	149	494029	46.40	ng	99
60) 4-Chlorophenyl-phenylether	15.33	204	192579	44.77	ng	99
61) 4-Nitroaniline	15.37	138	145188	41.80	ng	98
62) Azobenzene	15.62	77	489436	49.52	ng	98
64) 4,6-Dinitro-2-methylphenol	15.43	198	93323	43.07	ng	92
65) n-Nitrosodiphenylamine	15.54	169	441634	41.40	ng	99
66) 4-Bromophenyl-phenylether	16.22	248	107984	43.11	ng	96
67) Hexachlorobenzene	16.34	284	112469	42.99	ng	94
68) Atrazine	16.50	200	153357	51.42	ng	99
69) Pentachlorophenol	16.68	266	121615	89.00	ng	98
70) Phenanthrene	17.07	178	813775	44.93	ng	99
71) Anthracene	17.16	178	805956	44.78	ng	99
72) Carbazole	17.44	167	896016	48.79	ng	98
73) Di-n-butylphthalate	17.99	149	1038451	46.46	ng	99
74) Fluoranthene	19.09	202	920473	47.17	ng	99
76) Benzidine	19.28	184	29600	2.47	ng	98
77) Pyrene	19.45	202	961804	44.27	ng	99
79) Butylbenzylphthalate	20.35	149	530792	46.67	ng	99
80) Benzo(a)anthracene	21.19	228	854663	43.81	ng	99
81) 3,3'-Dichlorobenzidine	21.13	252	225189	34.87	ng	97
82) Chrysene	21.24	228	817010	43.62	ng	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	728420	46.66	ng	99
84) Di-n-octyl phthalate	21.99	149	1186040	45.75	ng	100
85) Indeno(1,2,3-cd)pyrene	25.68	276	896109	43.60	ng	100
87) Benzo(b)fluoranthene	22.76	252	850409	47.18	ng	99
88) Benzo(k)fluoranthene	22.80	252	761066	43.05	ng	99
89) Benzo(a)pyrene	23.33	252	790210	46.18	ng	98
90) Dibenzo(a,h)anthracene	25.69	278	745240	44.82	ng	98
91) Benzo(g,h,i)perylene	26.38	276	769857	45.89	ng	98

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

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