Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017281.D
Acq On : 26 May 2015 17:27
Operator : TP/IZ
Sample : G2383-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-1(18-19)MS

Manual Integrations APPROVED
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5/27/2015 2:57:58 PM

Quant Time: May 27 03:50:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 03:15:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	26282	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	111225	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	76686	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	181107	20.00	ng		0.00
75) Chrysene-d12	21.26	240	204404	20.00	ng		0.00
86) Perylene-d12	23.50	264	201263	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	202769	136.88	ng		0.00
7) Phenol-d6	6.87	99	278505	133.97	ng		0.00
23) Nitrobenzene-d5	8.83	82	182832	76.74	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	126328	136.27	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	351881	67.33	ng		0.00
78) Terphenyl-d14	19.70	244	690426	70.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	20920	35.79	ng		95
3) Pyridine	3.52	79	31772	17.97	ng		92
4) n-Nitrosodimethylamine	3.44	42	47623	35.49	ng		97
6) Aniline	6.99	93	78428	27.27	ng		99
8) 2-Chlorophenol	7.24	128	75993	42.88	ng		98
9) Benzaldehyde	6.80	77	11052	6.36	ng		87
10) Phenol	6.90	94	95108	43.14	ng		98
11) bis(2-Chloroethyl)ether	7.09	93	68255	41.29	ng		99
12) 1,3-Dichlorobenzene	7.55	146	73053	36.91	ng		99
13) 1,4-Dichlorobenzene	7.70	146	77252	38.67	ng		95
14) 1,2-Dichlorobenzene	8.01	146	72863	38.18	ng		97
15) Benzyl Alcohol	7.91	79	77404	38.32	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	107925	40.27	ng		98
17) 2-Methylphenol	8.13	107	66300	41.48	ng		87
18) Hexachloroethane	8.74	117	30420	36.45	ng		94
19) n-Nitroso-di-n-propylamine	8.48	70	64676	35.71	ng		98
20) 3+4-Methylphenols	8.46	107	90454	40.72	ng		94
22) Acetophenone	8.49	105	112196	41.56	ng	#	97
24) Nitrobenzene	8.87	77	93613	40.16	ng		95
25) Isophorone	9.39	82	172158	39.21	ng		98
26) 2-Nitrophenol	9.57	139	43649	41.89	ng		92
27) 2,4-Dimethylphenol	9.66	122	73368	42.78	ng		96
28) bis(2-Chloroethoxy)methane	9.88	93	87357	40.86	ng		96
29) 2,4-Dichlorophenol	10.13	162	75054	46.39	ng		96
30) 1,2,4-Trichlorobenzene	10.32	180	74453	40.57	ng		98
31) Naphthalene	10.51	128	220613	40.53	ng		99
32) Benzoic acid	9.77	122	11409	9.82	ng		98
33) 4-Chloroaniline	10.63	127	77089	29.95	ng		95
34) Hexachlorobutadiene	10.79	225	45595	39.23	ng		97
35) Caprolactam	11.41	113	33539m	41.23	ng		
36) 4-Chloro-3-methylphenol	11.78	107	93165	45.58	ng		94
37) 2-Methylnaphthalene	12.12	142	168678	39.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	81624	37.62	ng		98
40) Hexachlorocyclopentadiene	12.48	237	99766	75.38	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	65141	42.33	ng	94
43) 2,4,5-Trichlorophenol	12.85	196	70499	44.46	ng	96
45) 1,1'-Biphenyl	13.15	154	216250	39.15	ng	99
46) 2-Chloronaphthalene	13.19	162	171914	39.31	ng	94
47) 2-Nitroaniline	13.41	65	70180	41.25	ng	99
48) Acenaphthylene	14.05	152	290728	38.81	ng	99
49) Dimethylphthalate	13.79	163	279188	46.56	ng	98
50) 2,6-Dinitrotoluene	13.91	165	56084	42.21	ng	94
51) Acenaphthene	14.39	154	172116	38.90	ng	97
52) 3-Nitroaniline	14.25	138	53324	36.17	ng	91
53) 2,4-Dinitrophenol	14.45	184	45480	58.95	ng	95
54) Dibenzofuran	14.73	168	264690	40.24	ng	99
55) 4-Nitrophenol	14.60	139	103504	87.19	ng	96
56) 2,4-Dinitrotoluene	14.70	165	81874	44.18	ng	91
57) Fluorene	15.37	166	232543	39.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.96	232	65017	44.68	ng	98
59) Diethylphthalate	15.16	149	252501	39.20	ng	99
60) 4-Chlorophenyl-phenylether	15.37	204	119349	39.91	ng	92
61) 4-Nitroaniline	15.41	138	68509	41.65	ng	98
62) Azobenzene	15.66	77	249643	40.57	ng	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	49608	39.97	ng	100
65) n-Nitrosodiphenylamine	15.59	169	209975	37.77	ng	99
66) 4-Bromophenyl-phenylether	16.27	248	74778	37.86	ng	96
67) Hexachlorobenzene	16.38	284	79830	38.30	ng	96
68) Atrazine	16.55	200	91951	45.21	ng	97
69) Pentachlorophenol	16.73	266	106188	81.61	ng	93
70) Phenanthrene	17.11	178	357161	38.24	ng	98
71) Anthracene	17.21	178	364231	38.48	ng	97
72) Carbazole	17.48	167	371291	42.69	ng	98
73) Di-n-butylphthalate	18.05	149	471569	40.52	ng	97
74) Fluoranthene	19.13	202	451638	40.27	ng	98
76) Benzidine	19.33	184	143788	21.55	ng	97
77) Pyrene	19.50	202	465365	37.11	ng	98
79) Butylbenzylphthalate	20.40	149	213091	37.37	ng	97
80) Benzo(a)anthracene	21.24	228	444150	37.92	ng	97
81) 3,3'-Dichlorobenzidine	21.18	252	134509	29.67	ng	100
82) Chrysene	21.30	228	422508	38.73	ng	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	312350	38.54	ng	100
84) Di-n-octyl phthalate	22.05	149	514274	38.12	ng	98
85) Indeno(1,2,3-cd)pyrene	25.80	276	481195	36.86	ng	99
87) Benzo(b)fluoranthene	22.82	252	435290	37.10	ng	99
88) Benzo(k)fluoranthene	22.87	252	429613	38.57	ng	99
89) Benzo(a)pyrene	23.41	252	416467	38.66	ng	98
90) Dibenzo(a,h)anthracene	25.81	278	409958	37.06	ng	99
91) Benzo(g,h,i)perylene	26.50	276	389532	37.42	ng	97

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

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