Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
Data File : BG023104.D
Acq On : 14 Jul 2016 16:52
Operator : UM/SJ
Sample : PB91968BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB91968BS

Manual Integrations
APPROVED
Sohil
7/15/2016 9:14:22 AM

Quant Time: Jul 14 18:57:52 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	104409	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	489462	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	402375	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	975415	20.00	ng		0.00
75) Chrysene-d12	21.87	240	1008326	20.00	ng		0.02
86) Perylene-d12	25.24	264	1021104	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	816395	127.88	ng		0.00
7) Phenol-d6	7.31	99	1288184	128.84	ng		0.00
23) Nitrobenzene-d5	9.33	82	908406	79.47	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	728505	100.74	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1893057	74.11	ng		0.00
78) Terphenyl-d14	20.16	244	2787129	89.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	101761	41.01	ng		97
3) Pyridine	3.97	79	251173	29.58	ng		95
4) n-Nitrosodimethylamine	3.88	42	136279	37.41	ng	#	95
6) Aniline	7.47	93	352636	25.45	ng		97
8) 2-Chlorophenol	7.72	128	304896	44.88	ng		97
9) Benzaldehyde	7.28	77	143078	21.42	ng		93
10) Phenol	7.34	94	468175	45.51	ng		89
11) bis(2-Chloroethyl)ether	7.56	93	302797	37.13	ng		92
12) 1,3-Dichlorobenzene	8.04	146	293877	35.34	ng		99
13) 1,4-Dichlorobenzene	8.19	146	303586	36.47	ng		96
14) 1,2-Dichlorobenzene	8.51	146	306224	37.00	ng		95
15) Benzyl Alcohol	8.39	79	411089	44.89	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	374832	37.63	ng		97
17) 2-Methylphenol	8.60	107	299976	44.79	ng		93
18) Hexachloroethane	9.24	117	128843	36.66	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	330395	36.66	ng		95
20) 3+4-Methylphenols	8.93	107	432611	46.32	ng		97
22) Acetophenone	8.98	105	521199	35.48	ng	#	95
24) Nitrobenzene	9.37	77	489992	40.34	ng		93
25) Isophorone	9.89	82	873497	37.99	ng		96
26) 2-Nitrophenol	10.09	139	189567	39.77	ng		88
27) 2,4-Dimethylphenol	10.14	122	337728	40.99	ng		94
28) bis(2-Chloroethoxy)methane	10.37	93	487503	38.02	ng		99
29) 2,4-Dichlorophenol	10.63	162	384861	43.80	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	364449	36.19	ng		94
31) Naphthalene	11.03	128	964894	38.73	ng		97
32) Benzoic acid	10.28	122	238021	31.76	ng		93
33) 4-Chloroaniline	11.14	127	177684	14.58	ng		96
34) Hexachlorobutadiene	11.31	225	278309	34.10	ng		94
35) Caprolactam	11.92	113	137962	38.16	ng		98
36) 4-Chloro-3-methylphenol	12.26	107	497639	41.41	ng		97
37) 2-Methylnaphthalene	12.63	142	790624	40.15	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	514422	29.67	ng		99
40) Hexachlorocyclopentadiene	12.97	237	635836	63.70	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	380868	38.21	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	410062	40.07	ng		94
45) 1,1'-Biphenyl	13.63	154	1109880	36.76	ng		97
46) 2-Chloronaphthalene	13.68	162	941222	38.43	ng		98
47) 2-Nitroaniline	13.89	65	411195	39.35	ng		94
48) Acenaphthylene	14.53	152	1408319	38.33	ng		100
49) Dimethylphthalate	14.25	163	1242609	37.81	ng		98
50) 2,6-Dinitrotoluene	14.37	165	291905	39.52	ng		88
51) Acenaphthene	14.87	154	1179220m	49.12	ng		
52) 3-Nitroaniline	14.71	138	184606	25.06	ng		93
53) 2,4-Dinitrophenol	14.91	184	345380	68.14	ng		96
54) Dibenzofuran	15.20	168	1499559	41.73	ng		98
55) 4-Nitrophenol	15.03	139	438118	70.96	ng		95
56) 2,4-Dinitrotoluene	15.16	165	425256	39.49	ng		95
57) Fluorene	15.85	166	1224199	39.58	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	424331m	41.44	ng		
59) Diethylphthalate	15.61	149	1314206	39.30	ng		96
60) 4-Chlorophenyl-phenylether	15.84	204	702175	37.28	ng		98
61) 4-Nitroaniline	15.88	138	285417	35.81	ng	#	81
62) Azobenzene	16.13	77	1461279	45.68	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	260359	35.91	ng		95
65) n-Nitrosodiphenylamine	16.05	169	1142025	40.64	ng		99
66) 4-Bromophenyl-phenylether	16.74	248	481347	37.93	ng		95
67) Hexachlorobenzene	16.86	284	498121	36.10	ng		99
68) Atrazine	17.01	200	494226	39.65	ng		99
69) Pentachlorophenol	17.21	266	634730	71.03	ng		98
70) Phenanthrene	17.60	178	1932511	40.43	ng		97
71) Anthracene	17.69	178	1952332	40.33	ng		98
72) Carbazole	17.96	167	1696309	40.56	ng		99
73) Di-n-butylphthalate	18.50	149	2028326	43.61	ng		99
74) Fluoranthene	19.61	202	2200528	37.51	ng		98
76) Benzidine	19.79	184	1069484	37.00	ng		99
77) Pyrene	19.97	202	2224397	39.26	ng		99
79) Butylbenzylphthalate	20.84	149	1001305	44.61	ng		95
80) Benzo(a)anthracene	21.84	228	2304540	40.85	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	634894	25.64	ng		97
82) Chrysene	21.91	228	2181795	41.23	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1359720	43.63	ng		100
84) Di-n-octyl phthalate	22.99	149	2263937	43.56	ng		99
85) Indeno(1,2,3-cd)pyrene	29.10	276	2558440	37.92	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2407817	40.87	ng		98
88) Benzo(k)fluoranthene	24.24	252	2350615	42.05	ng	#	96
89) Benzo(a)pyrene	25.08	252	2370002	41.97	ng	#	97
90) Dibenzo(a,h)anthracene	29.17	278	2101080	37.49	ng	#	95
91) Benzo(g,h,i)perylene	30.32	276	1980773	35.29	ng	#	96

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

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