Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
Data File : BG027746.D
Acq On : 29 Jun 2017 18:34
Operator : SJ/JU
Sample : PB100123BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB100123BS

Manual Integrations APPROVED
mohammad
6/30/2017 2:50:42 PM

Quant Time: Jun 30 05:32:01 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	33539	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	170710	20.00	ng		0.00
38) Acenaphthene-d10	15.06	164	107932	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	261137	20.00	ng		0.00
75) Chrysene-d12	22.18	240	287328	20.00	ng		0.00
86) Perylene-d12	25.79	264	271645	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	311743	143.13	ng		0.00
7) Phenol-d6	7.62	99	452580	136.02	ng		0.00
23) Nitrobenzene-d5	9.64	82	256529	83.76	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	208512	140.85	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	657643	87.02	ng		0.00
78) Terphenyl-d14	20.39	244	1088390	88.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	26605	32.81	ng		89
3) Pyridine	4.42	79	83807	33.56	ng		92
4) n-Nitrosodimethylamine	4.33	42	46328	37.84	ng		82
6) Aniline	7.80	93	105079	27.24	ng		99
8) 2-Chlorophenol	8.04	128	113786	46.75	ng		91
9) Benzaldehyde	7.62	77	50246	25.38	ng		88
10) Phenol	7.65	94	155349	47.19	ng		82
11) bis(2-Chloroethyl)ether	7.88	93	95765	38.30	ng		94
12) 1,3-Dichlorobenzene	8.36	146	103823	40.11	ng	#	93
13) 1,4-Dichlorobenzene	8.51	146	106414	39.67	ng		96
14) 1,2-Dichlorobenzene	8.83	146	105467	40.55	ng		90
15) Benzyl Alcohol	8.71	79	94733	41.16	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.98	45	216083	40.52	ng		97
17) 2-Methylphenol	8.90	107	106141	45.57	ng	#	86
18) Hexachloroethane	9.56	117	36854	39.06	ng	#	78
19) n-Nitroso-di-n-propylamine	9.26	70	92952	38.40	ng		93
20) 3+4-Methylphenols	9.22	107	145540	43.33	ng		87
22) Acetophenone	9.29	105	165209	40.11	ng	#	88
24) Nitrobenzene	9.69	77	130704	40.82	ng	#	85
25) Isophorone	10.20	82	258669	38.75	ng	#	94
26) 2-Nitrophenol	10.40	139	62114	42.95	ng	#	76
27) 2,4-Dimethylphenol	10.43	122	124760	46.06	ng		91
28) bis(2-Chloroethoxy)methane	10.67	93	148128	39.14	ng		98
29) 2,4-Dichlorophenol	10.93	162	111624	47.02	ng		98
30) 1,2,4-Trichlorobenzene	11.15	180	99068	40.92	ng		94
31) Naphthalene	11.34	128	361714	39.84	ng		97
32) Benzoic acid	10.56	122	54888	35.89	ng	#	81
33) 4-Chloroaniline	11.46	127	19725	5.03	ng	#	84
34) Hexachlorobutadiene	11.61	225	55658	41.26	ng		97
35) Caprolactam	12.21	113	48475m	40.60	ng		
36) 4-Chloro-3-methylphenol	12.53	107	146955	43.99	ng		93
37) 2-Methylnaphthalene	12.91	142	277084	40.98	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	120761	42.58	ng	#	97
40) Hexachlorocyclopentadiene	13.25	237	153435	114.74	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	91760	44.79	ng		95
43) 2,4,5-Trichlorophenol	13.58	196	103069	44.41	ng	#	94
45) 1,1'-Biphenyl	13.90	154	363446	42.01	ng		97
46) 2-Chloronaphthalene	13.95	162	272085	41.63	ng		99
47) 2-Nitroaniline	14.15	65	111044	42.45	ng	#	86
48) Acenaphthylene	14.79	152	474871	39.77	ng		97
49) Dimethylphthalate	14.50	163	386305	41.96	ng		98
50) 2,6-Dinitrotoluene	14.63	165	83944	41.94	ng	#	79
51) Acenaphthene	15.13	154	299738	39.16	ng		96
52) 3-Nitroaniline	14.96	138	42210	17.93	ng		82
53) 2,4-Dinitrophenol	15.16	184	92179	83.50	ng		93
54) Dibenzofuran	15.46	168	440396	43.52	ng		97
55) 4-Nitrophenol	15.26	139	161223	89.70	ng	#	59
56) 2,4-Dinitrotoluene	15.42	165	123287	44.16	ng	#	87
57) Fluorene	16.11	166	393056	40.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	94126m	47.04	ng		
59) Diethylphthalate	15.85	149	426099	41.79	ng		94
60) 4-Chlorophenyl-phenylether	16.08	204	180174	41.48	ng		92
61) 4-Nitroaniline	16.13	138	103931	42.37	ng	#	64
62) Azobenzene	16.38	77	398059	44.43	ng		94
64) 4,6-Dinitro-2-methylphenol	16.18	198	66717	41.83	ng		83
65) n-Nitrosodiphenylamine	16.30	169	349853	41.18	ng		98
66) 4-Bromophenyl-phenylether	16.98	248	117230	42.92	ng		91
67) Hexachlorobenzene	17.11	284	123013	42.53	ng		96
68) Atrazine	17.24	200	120613	44.97	ng		96
69) Pentachlorophenol	17.45	266	150233	81.25	ng		98
70) Phenanthrene	17.85	178	634072	42.06	ng		95
71) Anthracene	17.95	178	643762	42.29	ng		97
72) Carbazole	18.21	167	586966	39.15	ng		96
73) Di-n-butylphthalate	18.73	149	743330	45.12	ng	#	94
74) Fluoranthene	19.85	202	715444	43.42	ng		93
76) Benzidine	20.02	184	309371	45.42	ng		96
77) Pyrene	20.21	202	736872	40.87	ng		95
79) Butylbenzylphthalate	21.08	149	348942	42.97	ng	#	87
80) Benzo(a)anthracene	22.15	228	725415	41.76	ng		95
81) 3,3'-Dichlorobenzidine	22.05	252	136124	21.59	ng	#	98
82) Chrysene	22.23	228	667239	40.98	ng		95
83) Bis(2-ethylhexyl)phthalate	22.01	149	500821	42.20	ng	#	94
84) Di-n-octyl phthalate	23.35	149	855825	43.65	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.94	276	812255	43.65	ng	#	87
87) Benzo(b)fluoranthene	24.63	252	724712	41.41	ng	#	95
88) Benzo(k)fluoranthene	24.70	252	689405	39.85	ng	#	93
89) Benzo(a)pyrene	25.61	252	683951	41.65	ng	#	93
90) Dibenzo(a,h)anthracene	30.02	278	685267	41.19	ng	#	93
91) Benzo(g,h,i)perylene	31.25	276	655959	41.03	ng	#	88

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

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