Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025542.D
Acq On : 20 Jan 2017 17:21
Operator : UM/SJ
Sample : PB96173BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB96173BS

Manual Integrations APPROVED
mohammad
1/23/2017 4:59:35 PM

Quant Time: Jan 21 00:32:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	55918	20.00	ng		-0.02
21) Naphthalene-d8	11.00	136	240346	20.00	ng		-0.02
38) Acenaphthene-d10	14.81	164	198087	20.00	ng		-0.01
63) Phenanthrene-d10	17.56	188	467643	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	662106	20.00	ng		-0.02
86) Perylene-d12	25.23	264	722195	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	472600	153.62	ng		-0.02
7) Phenol-d6	7.34	99	684009	157.87	ng		-0.02
23) Nitrobenzene-d5	9.37	82	499879	91.88	ng		-0.02
41) 2,4,6-Tribromophenol	16.30	330	430053	134.85	ng		-0.02
44) 2-Fluorobiphenyl	13.43	172	1095986	89.58	ng		-0.02
78) Terphenyl-d14	20.14	244	2163863	86.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	48747	37.14	ng		96
3) Pyridine	3.96	79	136895	35.98	ng		95
4) n-Nitrosodimethylamine	3.88	42	101097	44.76	ng	#	95
6) Aniline	7.50	93	156770	26.70	ng		96
8) 2-Chlorophenol	7.74	128	161660	46.58	ng		95
9) Benzaldehyde	7.31	77	135346	42.69	ng		98
10) Phenol	7.37	94	237859	49.52	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	154148	41.65	ng		94
12) 1,3-Dichlorobenzene	8.07	146	175344	41.75	ng		98
13) 1,4-Dichlorobenzene	8.21	146	176606	40.58	ng		95
14) 1,2-Dichlorobenzene	8.53	146	170554	41.06	ng		93
15) Benzyl Alcohol	8.43	79	190552	46.07	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.70	45	308281	44.98	ng		96
17) 2-Methylphenol	8.63	107	150310	47.66	ng		98
18) Hexachloroethane	9.26	117	74287	44.44	ng		96
19) n-Nitroso-di-n-propylamine	8.98	70	168768	46.12	ng		93
20) 3+4-Methylphenols	8.96	107	203717	46.67	ng		98
22) Acetophenone	9.01	105	291549	43.66	ng	#	98
24) Nitrobenzene	9.41	77	252404	42.30	ng		97
25) Isophorone	9.92	82	432713	43.93	ng		98
26) 2-Nitrophenol	10.12	139	94327	41.33	ng		91
27) 2,4-Dimethylphenol	10.17	122	170876	45.54	ng		91
28) bis(2-Chloroethoxy)methane	10.39	93	228790	44.72	ng		99
29) 2,4-Dichlorophenol	10.66	162	183470	45.69	ng		96
30) 1,2,4-Trichlorobenzene	10.86	180	198423	40.91	ng		91
31) Naphthalene	11.06	128	493084	41.08	ng		100
32) Benzoic acid	10.33	122	103395	34.27	ng	#	85
33) 4-Chloroaniline	11.19	127	77090	15.27	ng		96
34) Hexachlorobutadiene	11.32	225	153567	38.78	ng		95
35) Caprolactam	11.96	113	68468m	45.38	ng		
36) 4-Chloro-3-methylphenol	12.29	107	217648	43.92	ng		97
37) 2-Methylnaphthalene	12.65	142	393439	44.23	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	289892	44.33	ng	#	97
40) Hexachlorocyclopentadiene	12.97	237	257995	105.02	ng		99

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Quant Time: Jan 21 00:32:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	184903	44.90	ng		95
43) 2,4,5-Trichlorophenol	13.34	196	182970	42.45	ng	#	97
45) 1,1'-Biphenyl	13.64	154	596665	44.78	ng		93
46) 2-Chloronaphthalene	13.70	162	444088	42.66	ng		98
47) 2-Nitroaniline	13.91	65	182088	41.44	ng		98
48) Acenaphthylene	14.54	152	691858	42.88	ng		99
49) Dimethylphthalate	14.25	163	620170	42.95	ng	#	94
50) 2,6-Dinitrotoluene	14.39	165	133419	42.29	ng		96
51) Acenaphthene	14.87	154	429131	40.67	ng		99
52) 3-Nitroaniline	14.74	138	58061	19.14	ng	#	97
53) 2,4-Dinitrophenol	14.95	184	151723	73.76	ng	#	81
54) Dibenzofuran	15.21	168	718867	43.09	ng		98
55) 4-Nitrophenol	15.05	139	186780	82.45	ng		94
56) 2,4-Dinitrotoluene	15.19	165	202752	44.14	ng	#	87
57) Fluorene	15.85	166	585311	41.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	197165	42.70	ng		98
59) Diethylphthalate	15.60	149	651481	43.02	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	342352	43.25	ng		97
61) 4-Nitroaniline	15.90	138	112207	36.77	ng	#	79
62) Azobenzene	16.13	77	695977	47.66	ng		97
64) 4,6-Dinitro-2-methylphenol	15.95	198	136872	42.26	ng		87
65) n-Nitrosodiphenylamine	16.05	169	556371	44.02	ng		100
66) 4-Bromophenyl-phenylether	16.73	248	243149	42.14	ng		94
67) Hexachlorobenzene	16.86	284	271967	41.08	ng	#	89
68) Atrazine	16.99	200	251839	45.47	ng		96
69) Pentachlorophenol	17.21	266	269557	78.54	ng		98
70) Phenanthrene	17.60	178	1035443	42.97	ng		95
71) Anthracene	17.69	178	1064710	43.48	ng		100
72) Carbazole	17.97	167	954790	43.59	ng		93
73) Di-n-butylphthalate	18.48	149	1173096	43.53	ng		97
74) Fluoranthene	19.59	202	1397753	43.91	ng		94
76) Benzidine	19.78	184	562419	34.05	ng		98
77) Pyrene	19.96	202	1432453	41.40	ng		98
79) Butylbenzylphthalate	20.81	149	613163	44.13	ng		99
80) Benzo(a)anthracene	21.82	228	1622386	43.93	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	332774	23.20	ng		96
82) Chrysene	21.89	228	1475807	41.67	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	874002	45.20	ng		97
84) Di-n-octyl phthalate	22.91	149	1506910	46.94	ng		97
85) Indeno(1,2,3-cd)pyrene	29.14	276	2091220	46.45	ng	#	96
87) Benzo(b)fluoranthene	24.14	252	1717759	43.59	ng		97
88) Benzo(k)fluoranthene	24.21	252	1656167	43.52	ng		95
89) Benzo(a)pyrene	25.06	252	1647101	43.28	ng		96
90) Dibenzo(a,h)anthracene	29.18	278	1758019	43.58	ng		96
91) Benzo(g,h,i)perylene	30.36	276	1725435	43.05	ng		98

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

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