Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
Data File : BG026402.D
Acq On : 23 Mar 2017 14:38
Operator : SJ/MA
Sample : PB97769BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97769BS

Manual Integrations APPROVED
mohammad
3/24/2017 12:17:43 PM

Quant Time: Mar 24 01:21:50 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	142345	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	587089	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	354011	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	843452	20.00	ng		0.00
75) Chrysene-d12	21.63	240	976519	20.00	ng		0.00
86) Perylene-d12	24.80	264	990253	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1011564	126.13	ng		0.00
7) Phenol-d6	7.21	99	1318176	122.43	ng		0.00
23) Nitrobenzene-d5	9.20	82	677948	69.43	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	584265	144.12	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1983213	78.56	ng		0.00
78) Terphenyl-d14	19.98	244	2869109	71.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	103288	28.69	ng	#	68
3) Pyridine	3.90	79	279309	28.33	ng	#	59
4) n-Nitrosodimethylamine	3.81	42	84023	31.18	ng	#	1
6) Aniline	7.37	93	286162	19.90	ng	#	83
8) 2-Chlorophenol	7.61	128	366442	40.58	ng	#	81
9) Benzaldehyde	7.18	77	92523	12.73	ng	#	58
10) Phenol	7.23	94	451227	39.27	ng	#	69
11) bis(2-Chloroethyl)ether	7.46	93	323054	34.29	ng	#	80
12) 1,3-Dichlorobenzene	7.93	146	399707	37.18	ng	#	85
13) 1,4-Dichlorobenzene	8.08	146	406099	37.34	ng	#	93
14) 1,2-Dichlorobenzene	8.40	146	384172	36.91	ng	#	91
15) Benzyl Alcohol	8.28	79	258322	36.59	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.57	45	302087	28.87	ng		78
17) 2-Methylphenol	8.48	107	311119	38.13	ng	#	79
18) Hexachloroethane	9.13	117	125009	35.15	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	233439	33.73	ng	#	69
20) 3+4-Methylphenols	8.80	107	437061	38.90	ng		84
22) Acetophenone	8.86	105	498003	36.89	ng	#	72
24) Nitrobenzene	9.24	77	337765	35.04	ng	#	70
25) Isophorone	9.76	82	669587	36.39	ng	#	87
26) 2-Nitrophenol	9.95	139	204403	40.75	ng	#	62
27) 2,4-Dimethylphenol	10.01	122	361169	43.86	ng		84
28) bis(2-Chloroethoxy)methane	10.24	93	447732	37.45	ng	#	96
29) 2,4-Dichlorophenol	10.49	162	381110	45.77	ng		93
30) 1,2,4-Trichlorobenzene	10.71	180	384099	41.06	ng		98
31) Naphthalene	10.89	128	1099146	37.03	ng		100
32) Benzoic acid	10.14	122	246809	38.95	ng	#	69
33) 4-Chloroaniline	11.00	127	70113	5.81	ng	#	80
34) Hexachlorobutadiene	11.18	225	219047	39.69	ng		98
35) Caprolactam	11.75	113	137113m	41.79	ng		
36) 4-Chloro-3-methylphenol	12.11	107	379551	42.61	ng	#	75
37) 2-Methylnaphthalene	12.49	142	865945	39.83	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	418541	39.29	ng		96
40) Hexachlorocyclopentadiene	12.84	237	489230	87.26	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	311575	44.68	ng		96
43) 2,4,5-Trichlorophenol	13.16	196	333436	43.25	ng	#	90
45) 1,1'-Biphenyl	13.49	154	1127158	38.45	ng		97
46) 2-Chloronaphthalene	13.53	162	847302	39.57	ng		96
47) 2-Nitroaniline	13.73	65	218009	35.80	ng	#	49
48) Acenaphthylene	14.37	152	1412237	37.83	ng		99
49) Dimethylphthalate	14.10	163	1118679	41.87	ng		99
50) 2,6-Dinitrotoluene	14.22	165	260790	41.82	ng	#	56
51) Acenaphthene	14.72	154	881346	38.34	ng		98
52) 3-Nitroaniline	14.55	138	109475	15.94	ng	#	66
53) 2,4-Dinitrophenol	14.76	184	316137	87.39	ng	#	74
54) Dibenzofuran	15.04	168	1374756	42.48	ng	#	88
55) 4-Nitrophenol	14.86	139	478762	85.14	ng	#	38
56) 2,4-Dinitrotoluene	15.00	165	374438	42.69	ng	#	69
57) Fluorene	15.69	166	1134591	39.39	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	317723	47.26	ng	#	95
59) Diethylphthalate	15.46	149	1118564	40.96	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	563783	41.31	ng		88
61) 4-Nitroaniline	15.71	138	290319	39.97	ng	#	50
62) Azobenzene	15.97	77	893711	40.25	ng		77
64) 4,6-Dinitro-2-methylphenol	15.77	198	233334	43.88	ng		84
65) n-Nitrosodiphenylamine	15.89	169	1016741	41.07	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	376988	43.42	ng		93
67) Hexachlorobenzene	16.70	284	396248	42.79	ng	#	90
68) Atrazine	16.83	200	373348	39.84	ng		98
69) Pentachlorophenol	17.04	266	501065	83.22	ng		97
70) Phenanthrene	17.42	178	1799991	39.74	ng		98
71) Anthracene	17.51	178	1856406	40.17	ng		99
72) Carbazole	17.78	167	1781677	37.45	ng		96
73) Di-n-butylphthalate	18.33	149	1989120	40.69	ng	#	93
74) Fluoranthene	19.43	202	2162489	40.60	ng		96
76) Benzidine	19.60	184	781196	23.20	ng		98
77) Pyrene	19.79	202	2202336	38.95	ng		100
79) Butylbenzylphthalate	20.66	149	940769	41.58	ng	#	83
80) Benzo(a)anthracene	21.61	228	2177135	39.62	ng		100
81) 3,3'-Dichlorobenzidine	21.52	252	538585	23.94	ng		97
82) Chrysene	21.67	228	1986788	37.84	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1360706	39.82	ng		97
84) Di-n-octyl phthalate	22.69	149	2325296	39.87	ng	#	80
85) Indeno(1,2,3-cd)pyrene	28.43	276	2771769	42.76	ng	#	88
87) Benzo(b)fluoranthene	23.80	252	2300909	39.42	ng	#	96
88) Benzo(k)fluoranthene	23.86	252	2254835	39.83	ng	#	95
89) Benzo(a)pyrene	24.66	252	2258495	40.34	ng	#	96
90) Dibenzo(a,h)anthracene	28.48	278	2312196	40.86	ng	#	94
91) Benzo(g,h,i)perylene	29.57	276	2304831	40.43	ng	#	89

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

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