Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027226.D
Acq On : 5 Jun 2017 23:50
Operator : SJ/MA
Sample : PB99436BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB99436BS

Manual Integrations APPROVED
mohammad
6/6/2017 5:14:21 PM

Quant Time: Jun 06 04:52:57 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	56298	20.00	ng		0.00
21) Naphthalene-d8	11.39	136	278965	20.00	ng		0.00
38) Acenaphthene-d10	15.15	164	182409	20.00	ng		0.00
63) Phenanthrene-d10	17.91	188	403225	20.00	ng		0.00
75) Chrysene-d12	22.30	240	442609	20.00	ng		0.00
86) Perylene-d12	26.00	264	412665	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	584743	158.50	ng		0.00
7) Phenol-d6	7.71	99	828636	153.01	ng		0.00
23) Nitrobenzene-d5	9.73	82	428704	96.65	ng		0.00
41) 2,4,6-Tribromophenol	16.64	330	362775	151.03	ng		0.00
44) 2-Fluorobiphenyl	13.78	172	1183626	90.78	ng		0.00
78) Terphenyl-d14	20.49	244	1557710	89.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	48287	31.56	ng	#	78
3) Pyridine	4.55	79	154163	32.69	ng	#	73
4) n-Nitrosodimethylamine	4.45	42	74707	42.79	ng	#	59
6) Aniline	7.90	93	260209	38.15	ng	#	92
8) 2-Chlorophenol	8.14	128	206790	53.08	ng		87
9) Benzaldehyde	7.71	77	111126	29.68	ng		83
10) Phenol	7.73	94	294614	53.20	ng	#	76
11) bis(2-Chloroethyl)ether	7.98	93	197465	43.46	ng		84
12) 1,3-Dichlorobenzene	8.47	146	185357m	42.18	ng		
13) 1,4-Dichlorobenzene	8.61	146	188893	41.89	ng		97
14) 1,2-Dichlorobenzene	8.93	146	186811	42.47	ng		92
15) Benzyl Alcohol	8.80	79	195532	51.24	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	9.08	45	283304	43.58	ng		89
17) 2-Methylphenol	8.98	107	197376	50.42	ng	#	85
18) Hexachloroethane	9.66	117	65044	42.82	ng		89
19) n-Nitroso-di-n-propylamine	9.37	70	166772	44.02	ng	#	84
20) 3+4-Methylphenols	9.31	107	278308	51.32	ng		89
22) Acetophenone	9.39	105	318415	44.63	ng	#	83
24) Nitrobenzene	9.78	77	229720	45.46	ng	#	84
25) Isophorone	10.30	82	470489	45.11	ng	#	96
26) 2-Nitrophenol	10.49	139	98634	47.44	ng	#	74
27) 2,4-Dimethylphenol	10.53	122	235440	52.50	ng		90
28) bis(2-Chloroethoxy)methane	10.77	93	300633	44.51	ng		98
29) 2,4-Dichlorophenol	11.02	162	219664	53.65	ng		95
30) 1,2,4-Trichlorobenzene	11.24	180	198018	43.68	ng		98
31) Naphthalene	11.44	128	651770	42.75	ng		99
32) Benzoic acid	10.65	122	146687	47.41	ng	#	82
33) 4-Chloroaniline	11.54	127	99516	15.66	ng	#	89
34) Hexachlorobutadiene	11.72	225	117552	42.19	ng		98
35) Caprolactam	12.32	113	73076m	52.04	ng		
36) 4-Chloro-3-methylphenol	12.61	107	258941	50.46	ng		90
37) 2-Methylnaphthalene	13.01	142	497365	44.72	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	13.37	216	248321	43.70	ng		98
40) Hexachlorocyclopentadiene	13.34	237	333898	110.40	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	176143	51.11	ng		95
43) 2,4,5-Trichlorophenol	13.67	196	190577	49.41	ng		95
45) 1,1'-Biphenyl	13.99	154	668625	44.91	ng		98
46) 2-Chloronaphthalene	14.04	162	504419	45.19	ng		97
47) 2-Nitroaniline	14.23	65	147920	46.80	ng	#	78
48) Acenaphthylene	14.88	152	812831	43.03	ng		99
49) Dimethylphthalate	14.59	163	681085	47.07	ng		98
50) 2,6-Dinitrotoluene	14.72	165	139320	47.46	ng	#	75
51) Acenaphthene	15.22	154	584007	47.52	ng		100
52) 3-Nitroaniline	15.05	138	77166	27.76	ng		87
53) 2,4-Dinitrophenol	15.25	184	142148	93.32	ng		98
54) Dibenzofuran	15.55	168	811982	47.28	ng		92
55) 4-Nitrophenol	15.33	139	243817	88.50	ng	#	53
56) 2,4-Dinitrotoluene	15.50	165	187265	49.53	ng	#	84
57) Fluorene	16.20	166	654443	42.91	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.77	232	186932m	54.29	ng		
59) Diethylphthalate	15.95	149	669959	46.42	ng		99
60) 4-Chlorophenyl-phenylether	16.18	204	343683	44.73	ng		93
61) 4-Nitroaniline	16.21	138	141387	45.64	ng	#	63
62) Azobenzene	16.47	77	655385	48.99	ng		90
64) 4,6-Dinitro-2-methylphenol	16.26	198	98107	52.83	ng		94
65) n-Nitrosodiphenylamine	16.39	169	591193	46.77	ng		100
66) 4-Bromophenyl-phenylether	17.08	248	227581	47.69	ng		97
67) Hexachlorobenzene	17.20	284	237758	46.32	ng		91
68) Atrazine	17.33	200	204653	48.41	ng		97
69) Pentachlorophenol	17.54	266	291543	96.89	ng		98
70) Phenanthrene	17.95	178	1030417	45.42	ng		96
71) Anthracene	18.04	178	1042070	45.85	ng		98
72) Carbazole	18.30	167	888467	41.45	ng		96
73) Di-n-butylphthalate	18.84	149	989083	47.58	ng	#	94
74) Fluoranthene	19.94	202	1094430	45.16	ng		95
76) Benzidine	20.10	184	356423	26.73	ng		97
77) Pyrene	20.30	202	1131402	42.31	ng		98
79) Butylbenzylphthalate	21.19	149	450464	47.67	ng		91
80) Benzo(a)anthracene	22.28	228	1132956	44.89	ng		97
81) 3,3'-Dichlorobenzidine	22.17	252	230579	23.48	ng		98
82) Chrysene	22.35	228	1071106	44.20	ng		97
83) Bis(2-ethylhexyl)phthalate	22.15	149	646989	45.31	ng		99
84) Di-n-octyl phthalate	23.54	149	1112895	47.05	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.28	276	1356219	46.21	ng	#	94
87) Benzo(b)fluoranthene	24.82	252	1155093	45.13	ng	#	96
88) Benzo(k)fluoranthene	24.90	252	1135727	45.23	ng	#	94
89) Benzo(a)pyrene	25.83	252	1106450	45.92	ng	#	94
90) Dibenzo(a,h)anthracene	30.37	278	1157542	45.90	ng	#	95
91) Benzo(g,h,i)perylene	31.63	276	1104630	45.23	ng	#	91

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

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