Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025573.D
Acq On : 21 Jan 2017 14:44
Operator : UM/SJ
Sample : PB96174BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB96174BS

Manual Integrations APPROVED
mohammad
1/23/2017 5:00:14 PM

Quant Time: Jan 23 02:38:36 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	70879	20.00	ng		-0.02
21) Naphthalene-d8	11.01	136	306340	20.00	ng		-0.02
38) Acenaphthene-d10	14.81	164	242301	20.00	ng		-0.02
63) Phenanthrene-d10	17.56	188	546897	20.00	ng		-0.02
75) Chrysene-d12	21.85	240	717811	20.00	ng		-0.02
86) Perylene-d12	25.23	264	781651	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	655124	168.00	ng		-0.02
7) Phenol-d6	7.34	99	911042	165.89	ng		-0.02
23) Nitrobenzene-d5	9.37	82	688070	99.23	ng		-0.02
41) 2,4,6-Tribromophenol	16.30	330	569515	145.99	ng		-0.02
44) 2-Fluorobiphenyl	13.43	172	1409312	94.17	ng		-0.02
78) Terphenyl-d14	20.14	244	2555113	94.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	62756	37.72	ng	#	92
3) Pyridine	3.96	79	181390	37.61	ng		94
4) n-Nitrosodimethylamine	3.88	42	134599	47.02	ng		95
6) Aniline	7.50	93	254744	34.23	ng		98
8) 2-Chlorophenol	7.74	128	229787	52.24	ng		97
9) Benzaldehyde	7.32	77	178183	44.34	ng		99
10) Phenol	7.37	94	336778	55.32	ng		98
11) bis(2-Chloroethyl)ether	7.59	93	224546	47.87	ng		90
12) 1,3-Dichlorobenzene	8.06	146	245522	46.12	ng		97
13) 1,4-Dichlorobenzene	8.21	146	256662	46.52	ng		98
14) 1,2-Dichlorobenzene	8.54	146	245770	46.68	ng		92
15) Benzyl Alcohol	8.43	79	274374	52.33	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	429839	49.48	ng		97
17) 2-Methylphenol	8.63	107	214140	53.56	ng		96
18) Hexachloroethane	9.25	117	98299	46.39	ng		92
19) n-Nitroso-di-n-propylamine	8.98	70	227199	48.98	ng		95
20) 3+4-Methylphenols	8.96	107	295284	53.37	ng		92
22) Acetophenone	9.01	105	399380	46.92	ng	#	97
24) Nitrobenzene	9.41	77	351636	46.23	ng		98
25) Isophorone	9.92	82	626677	49.91	ng		96
26) 2-Nitrophenol	10.12	139	143451	49.31	ng		92
27) 2,4-Dimethylphenol	10.16	122	244354	51.09	ng		99
28) bis(2-Chloroethoxy)methane	10.39	93	336995	51.68	ng		93
29) 2,4-Dichlorophenol	10.66	162	271969	53.14	ng		96
30) 1,2,4-Trichlorobenzene	10.86	180	282485	45.69	ng		92
31) Naphthalene	11.06	128	703032	45.96	ng		99
32) Benzoic acid	10.34	122	166871	43.39	ng		95
33) 4-Chloroaniline	11.18	127	112111	17.42	ng		97
34) Hexachlorobutadiene	11.31	225	224769	44.54	ng		94
35) Caprolactam	11.96	113	95522m	49.68	ng		
36) 4-Chloro-3-methylphenol	12.29	107	315789	49.99	ng		91
37) 2-Methylnaphthalene	12.65	142	559124	49.32	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	405370	50.67	ng	#	97
40) Hexachlorocyclopentadiene	12.97	237	374364	123.00	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	256489	50.92	ng		98
43) 2,4,5-Trichlorophenol	13.34	196	248595	47.15	ng		97
45) 1,1'-Biphenyl	13.64	154	823309	50.52	ng		95
46) 2-Chloronaphthalene	13.70	162	613500	48.18	ng		97
47) 2-Nitroaniline	13.91	65	259898	48.36	ng		96
48) Acenaphthylene	14.54	152	947021	47.99	ng		96
49) Dimethylphthalate	14.25	163	852553m	48.26	ng		
50) 2,6-Dinitrotoluene	14.40	165	189227	49.04	ng		97
51) Acenaphthene	14.87	154	603353	46.74	ng		98
52) 3-Nitroaniline	14.74	138	93387	25.17	ng		81
53) 2,4-Dinitrophenol	14.96	184	238740	93.43	ng		92
54) Dibenzofuran	15.21	168	981192	48.09	ng		99
55) 4-Nitrophenol	15.05	139	263093	94.95	ng		92
56) 2,4-Dinitrotoluene	15.19	165	280020	49.84	ng	#	88
57) Fluorene	15.85	166	812695	47.57	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	268932	47.62	ng		97
59) Diethylphthalate	15.60	149	871774	47.06	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	461569	47.67	ng		96
61) 4-Nitroaniline	15.90	138	157279	42.13	ng		90
62) Azobenzene	16.13	77	957868	53.62	ng		97
64) 4,6-Dinitro-2-methylphenol	15.96	198	188236	49.70	ng		83
65) n-Nitrosodiphenylamine	16.06	169	759641	51.39	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	337883	50.08	ng		93
67) Hexachlorobenzene	16.86	284	378180	48.85	ng	#	89
68) Atrazine	16.99	200	344445	53.18	ng		97
69) Pentachlorophenol	17.21	266	387009	96.42	ng		97
70) Phenanthrene	17.60	178	1379283	48.94	ng		96
71) Anthracene	17.69	178	1441733	50.35	ng		99
72) Carbazole	17.97	167	1248823	48.75	ng		98
73) Di-n-butylphthalate	18.48	149	1521097	48.27	ng		99
74) Fluoranthene	19.59	202	1799943	48.35	ng		96
76) Benzidine	19.78	184	738919	41.27	ng		97
77) Pyrene	19.96	202	1813657	48.34	ng		98
79) Butylbenzylphthalate	20.81	149	767607	50.96	ng		98
80) Benzo(a)anthracene	21.82	228	1982248	49.51	ng		99
81) 3,3'-Dichlorobenzidine	21.73	252	441116	28.37	ng		99
82) Chrysene	21.89	228	1796197	46.78	ng		99
83) Bis(2-ethylhexyl)phthalate	21.67	149	1098155	52.39	ng		98
84) Di-n-octyl phthalate	22.91	149	1858843	53.41	ng		97
85) Indeno(1,2,3-cd)pyrene	29.13	276	2539940	52.04	ng		99
87) Benzo(b)fluoranthene	24.14	252	2058173	48.26	ng		98
88) Benzo(k)fluoranthene	24.22	252	2011758	48.84	ng		97
89) Benzo(a)pyrene	25.07	252	2022447	49.10	ng		97
90) Dibenzo(a,h)anthracene	29.18	278	2138890	48.99	ng		98
91) Benzo(g,h,i)perylene	30.36	276	2120478	48.88	ng		99

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

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