Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
Data File : BG026661.D
Acq On : 19 Apr 2017 18:12
Operator : SJ/MA
Sample : PB98331BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB98331BS

Manual Integrations APPROVED
mohammad
4/20/2017 2:00:44 PM

Quant Time: Apr 20 01:41:09 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	149874	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	684869	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	451364	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1148441	20.00	ng		-0.02
75) Chrysene-d12	21.61	240	1232994	20.00	ng		-0.02
86) Perylene-d12	24.79	264	1230116	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1256428	152.40	ng		-0.01
7) Phenol-d6	7.19	99	1651051	152.83	ng		-0.01
23) Nitrobenzene-d5	9.19	82	873656	89.01	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	847176	134.70	ng		-0.02
44) 2-Fluorobiphenyl	13.26	172	2516673	83.04	ng		-0.02
78) Terphenyl-d14	19.97	244	3666083	87.78	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	111526	25.87	ng	#	70
3) Pyridine	3.88	79	324320	33.60	ng	#	61
4) n-Nitrosodimethylamine	3.79	42	109907	39.15	ng	#	1
6) Aniline	7.35	93	450315	33.38	ng	#	85
8) 2-Chlorophenol	7.59	128	483849	49.18	ng	#	79
9) Benzaldehyde	7.16	77	70432	9.62	ng	#	59
10) Phenol	7.22	94	591083	50.29	ng	#	70
11) bis(2-Chloroethyl)ether	7.44	93	403377	43.11	ng	#	80
12) 1,3-Dichlorobenzene	7.92	146	489075	42.18	ng	#	86
13) 1,4-Dichlorobenzene	8.06	146	493390	41.89	ng	#	91
14) 1,2-Dichlorobenzene	8.38	146	478774	43.03	ng	#	90
15) Benzyl Alcohol	8.26	79	330981	48.99	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.56	45	386985	42.75	ng		79
17) 2-Methylphenol	8.47	107	411338	49.94	ng	#	80
18) Hexachloroethane	9.11	117	155081	41.73	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	300005	44.80	ng	#	71
20) 3+4-Methylphenols	8.79	107	580338	51.28	ng		85
22) Acetophenone	8.85	105	654597	41.82	ng	#	73
24) Nitrobenzene	9.23	77	443353	42.66	ng	#	70
25) Isophorone	9.74	82	882882	43.88	ng	#	89
26) 2-Nitrophenol	9.94	139	282268	44.83	ng	#	59
27) 2,4-Dimethylphenol	10.00	122	479199	47.15	ng	#	83
28) bis(2-Chloroethoxy)methane	10.23	93	580929	44.17	ng	#	97
29) 2,4-Dichlorophenol	10.48	162	514076	48.36	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	498266	42.05	ng		98
31) Naphthalene	10.88	128	1433158	42.63	ng		99
32) Benzoic acid	10.14	122	317486	45.19	ng	#	72
33) 4-Chloroaniline	10.99	127	128777	8.93	ng	#	80
34) Hexachlorobutadiene	11.17	225	276316	40.79	ng		96
35) Caprolactam	11.75	113	199767m	48.40	ng		
36) 4-Chloro-3-methylphenol	12.11	107	526396	49.17	ng	#	73
37) 2-Methylnaphthalene	12.48	142	1148570	44.40	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	554629	39.89	ng		98
40) Hexachlorocyclopentadiene	12.82	237	629341	89.58	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	430856	43.52	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	473742	45.25	ng	#	91
45) 1,1'-Biphenyl	13.48	154	1506626	41.08	ng		98
46) 2-Chloronaphthalene	13.52	162	1161370	41.78	ng		96
47) 2-Nitroaniline	13.72	65	319080	44.95	ng	#	52
48) Acenaphthylene	14.36	152	1933682	43.26	ng		99
49) Dimethylphthalate	14.09	163	1589727	44.49	ng		99
50) 2,6-Dinitrotoluene	14.21	165	382934	45.83	ng	#	56
51) Acenaphthene	14.70	154	1214239	42.68	ng		99
52) 3-Nitroaniline	14.54	138	216086	23.71	ng	#	66
53) 2,4-Dinitrophenol	14.75	184	443915	88.43	ng	#	74
54) Dibenzofuran	15.03	168	1908198	43.04	ng		91
55) 4-Nitrophenol	14.85	139	688332	89.47	ng	#	39
56) 2,4-Dinitrotoluene	15.00	165	557731	47.00	ng	#	67
57) Fluorene	15.68	166	1588223	43.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.26	232	469739	44.12	ng	#	94
59) Diethylphthalate	15.44	149	1614025	44.43	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	809227	44.41	ng		89
61) 4-Nitroaniline	15.70	138	431637	44.41	ng	#	49
62) Azobenzene	15.96	77	1257691	44.87	ng		77
64) 4,6-Dinitro-2-methylphenol	15.76	198	355213	45.80	ng		85
65) n-Nitrosodiphenylamine	15.88	169	1439470	43.45	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	552376	44.02	ng		92
67) Hexachlorobenzene	16.68	284	601846	43.63	ng		89
68) Atrazine	16.82	200	548139	42.31	ng		98
69) Pentachlorophenol	17.02	266	746167	89.53	ng		97
70) Phenanthrene	17.41	178	2541683	42.99	ng		99
71) Anthracene	17.50	178	2641127	43.22	ng		97
72) Carbazole	17.77	167	2487729	42.52	ng		97
73) Di-n-butylphthalate	18.32	149	2767083	42.17	ng	#	95
74) Fluoranthene	19.42	202	2918802	42.58	ng		97
76) Benzidine	19.59	184	1088696	33.76	ng		98
77) Pyrene	19.77	202	2954665	44.51	ng		97
79) Butylbenzylphthalate	20.65	149	1270016	44.47	ng	#	83
80) Benzo(a)anthracene	21.60	228	2911159	43.71	ng		99
81) 3,3'-Dichlorobenzidine	21.51	252	830953	30.09	ng		99
82) Chrysene	21.66	228	2670569	43.58	ng		98
83) Bis(2-ethylhexyl)phthalate	21.50	149	1789057	43.46	ng		95
84) Di-n-octyl phthalate	22.68	149	3044833	44.30	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.40	276	3762430	44.78	ng	#	87
87) Benzo(b)fluoranthene	23.78	252	3093737	43.93	ng	#	95
88) Benzo(k)fluoranthene	23.85	252	3047408	44.89	ng	#	95
89) Benzo(a)pyrene	24.64	252	3030952	44.58	ng	#	97
90) Dibenzo(a,h)anthracene	28.45	278	3190467	45.68	ng	#	92
91) Benzo(g,h,i)perylene	29.53	276	3127779	44.78	ng	#	89

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

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