Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033740.D
Acq On : 11 Apr 2018 9:24
Operator : SJ/JU
Sample : PB108130BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108130BS

Quant Time: Apr 11 11:55:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	45703	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	186021	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	129744	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	328125	20.00	ng		0.00
75) Chrysene-d12	22.55	240	335278	20.00	ng		0.00
86) Perylene-d12	26.31	264	359346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	407164	167.05	ng		0.00
7) Phenol-d6	7.97	99	581133	138.77	ng		0.00
23) Nitrobenzene-d5	10.06	82	369660	91.30	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	250645	129.17	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	843968	93.91	ng		0.00
78) Terphenyl-d14	20.72	244	1446402	92.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	50840	41.074	ng		92
3) Pyridine	4.38	79	140801	41.150	ng		95
4) n-Nitrosodimethylamine	4.29	42	65577	46.701	ng	#	79
6) Aniline	8.15	93	132548	26.914	ng		93
8) 2-Chlorophenol	8.41	128	133845	48.035	ng		91
9) Benzaldehyde	7.96	77	102760	38.611	ng		88
10) Phenol	8.00	94	192218	46.489	ng		91
11) bis(2-Chloroethyl)ether	8.24	93	143766	42.599	ng		93
12) 1,3-Dichlorobenzene	8.74	146	146895	40.323	ng	#	93
13) 1,4-Dichlorobenzene	8.89	146	149968	41.106	ng		97
14) 1,2-Dichlorobenzene	9.22	146	149150	41.887	ng		90
15) Benzyl Alcohol	9.09	79	142130	43.106	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.38	45	240433	43.701	ng		87
17) 2-Methylphenol	9.30	107	116768	41.456	ng	#	90
18) Hexachloroethane	9.97	117	60467	42.943	ng		94
19) n-Nitroso-di-n-propylamine	9.66	70	125619	40.936	ng		100
20) 3+4-Methylphenols	9.63	107	163145	40.680	ng		90
22) Acetophenone	9.70	105	213708	41.934	ng	#	96
24) Nitrobenzene	10.10	77	182972	42.220	ng		93
25) Isophorone	10.61	82	305476	38.873	ng		98
26) 2-Nitrophenol	10.83	139	78313	47.730	ng	#	86
27) 2,4-Dimethylphenol	10.86	122	114249	47.933	ng		92
28) bis(2-Chloroethoxy)methane	11.10	93	173552	44.264	ng		98
29) 2,4-Dichlorophenol	11.37	162	137470	46.898	ng		95
30) 1,2,4-Trichlorobenzene	11.59	180	159496	41.880	ng		97
31) Naphthalene	11.79	128	384923	39.931	ng		99
32) Benzoic acid	11.01	122	75012	33.854	ng		89
33) 4-Chloroaniline	11.90	127	52066	12.056	ng	#	86
34) Hexachlorobutadiene	12.05	225	119705	41.564	ng		92
35) Caprolactam	12.63	113	48940	42.618	ng		95
36) 4-Chloro-3-methylphenol	12.96	107	168934	44.188	ng		93
37) 2-Methylnaphthalene	13.34	142	275976	36.885	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	187775	39.955	ng	#	96
40) Hexachlorocyclopentadiene	13.66	237	243492	88.380	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	126770	46.427	ng		99
43) 2,4,5-Trichlorophenol	14.00	196	139645	43.268	ng		94
45) 1,1'-Biphenyl	14.32	154	428807	43.019	ng		97
46) 2-Chloronaphthalene	14.37	162	330649	43.021	ng		94
47) 2-Nitroaniline	14.56	65	134893	46.858	ng		89
48) Acenaphthylene	15.20	152	516182	40.235	ng		99
49) Dimethylphthalate	14.90	163	458531	40.609	ng		98
50) 2,6-Dinitrotoluene	15.03	165	101974	44.169	ng		89
51) Acenaphthene	15.54	154	389689	47.120	ng		97
52) 3-Nitroaniline	15.37	138	56661	23.409	ng	#	90
53) 2,4-Dinitrophenol	15.57	184	108438	89.675	ng	#	77
54) Dibenzofuran	15.87	168	522876	42.803	ng		91
55) 4-Nitrophenol	15.66	139	154158	90.573	ng	#	80
56) 2,4-Dinitrotoluene	15.81	165	144634	42.547	ng	#	94
57) Fluorene	16.51	166	411211	39.512	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	134682	44.327	ng		97
59) Diethylphthalate	16.24	149	458962	41.861	ng		98
60) 4-Chlorophenyl-phenylether	16.48	204	256832	42.931	ng		99
61) 4-Nitroaniline	16.53	138	96643	39.428	ng	#	83
62) Azobenzene	16.78	77	465931	43.870	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	93268	47.515	ng		97
65) n-Nitrosodiphenylamine	16.70	169	405521	43.290	ng		97
66) 4-Bromophenyl-phenylether	17.38	248	164325	42.643	ng		93
67) Hexachlorobenzene	17.51	284	172262	42.357	ng		96
68) Atrazine	17.61	200	172391	45.415	ng		96
69) Pentachlorophenol	17.85	266	219601	78.673	ng		99
70) Phenanthrene	18.25	178	679474	39.761	ng		96
71) Anthracene	18.33	178	693716	40.093	ng		99
72) Carbazole	18.59	167	678455	44.249	ng		98
73) Di-n-butylphthalate	19.09	149	783904	43.925	ng	#	98
74) Fluoranthene	20.20	202	856610	40.507	ng		98
76) Benzidine	20.36	184	395108	43.455	ng		99
77) Pyrene	20.56	202	885568	39.603	ng		98
79) Butylbenzylphthalate	21.41	149	356793	43.239	ng		99
80) Benzo(a)anthracene	22.53	228	849407	39.787	ng		99
81) 3,3'-Dichlorobenzidine	22.41	252	169422	22.301	ng		96
82) Chrysene	22.61	228	819853	39.672	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	493964	43.425	ng		99
84) Di-n-octyl phthalate	23.74	149	847366	48.653	ng		99
85) Indeno(1,2,3-cd)pyrene	30.68	276	955536	42.765	ng	#	89
87) Benzo(b)fluoranthene	25.10	252	806778	38.860	ng	#	97
88) Benzo(k)fluoranthene	25.17	252	845865	40.284	ng	#	97
89) Benzo(a)pyrene	26.13	252	805045	40.378	ng		98
90) Dibenzo(a,h)anthracene	30.75	278	792134	42.179	ng		96
91) Benzo(g,h,i)perylene	32.05	276	774107	41.625	ng	#	94

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

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