Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033128.D
Acq On : 13 Mar 2018 20:50
Operator : SJ/JU
Sample : PB107310BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 14 16:17:26 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Manual Integrations APPROVED

Sohil

3/14/2018 1:31:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	47563	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	206098	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	111467	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	234437	20.00	ng		0.00
75) Chrysene-d12	22.61	240	231663	20.00	ng		0.00
86) Perylene-d12	26.41	264	251918	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	239264	80.48	ng		0.01
7) Phenol-d6	8.02	99	314558	75.91	ng		0.02
23) Nitrobenzene-d5	10.11	82	277025	92.31	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	84339	71.96	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	583254	75.47	ng		0.00
78) Terphenyl-d14	20.77	244	763167	74.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	35280	27.344	ng		96
3) Pyridine	4.43	79	101825	28.633	ng		87
4) n-Nitrosodimethylamine	4.33	42	61365	43.040	ng	#	75
6) Aniline	8.20	93	71464	12.740	ng		98
8) 2-Chlorophenol	8.46	128	126944	39.011	ng		96
9) Benzaldehyde	8.01	77	54719	22.911	ng		96
10) Phenol	8.05	94	158341	37.905	ng		99
11) bis(2-Chloroethyl)ether	8.29	93	108892	31.879	ng		94
12) 1,3-Dichlorobenzene	8.80	146	122358	32.103	ng		97
13) 1,4-Dichlorobenzene	8.95	146	124801	32.530	ng		97
14) 1,2-Dichlorobenzene	9.28	146	119754	32.574	ng		96
15) Benzyl Alcohol	9.15	79	113083	37.120	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.44	45	218918	37.282	ng		98
17) 2-Methylphenol	9.35	107	106059	34.431	ng		96
18) Hexachloroethane	10.04	117	45169	34.579	ng		86
19) n-Nitroso-di-n-propylamine	9.73	70	93478	31.953	ng	#	89
20) 3+4-Methylphenols	9.69	107	145711	34.021	ng		94
22) Acetophenone	9.76	105	173602	33.353	ng	#	99
24) Nitrobenzene	10.16	77	135246	42.060	ng		93
25) Isophorone	10.68	82	250704	34.657	ng		96
26) 2-Nitrophenol	10.88	139	66101	54.360	ng		99
27) 2,4-Dimethylphenol	10.92	122	126969	40.404	ng		91
28) bis(2-Chloroethoxy)methane	11.15	93	148996	35.356	ng		96
29) 2,4-Dichlorophenol	11.42	162	113090	39.651	ng		91
30) 1,2,4-Trichlorobenzene	11.65	180	113979	34.092	ng		95
31) Naphthalene	11.85	128	369367	34.298	ng		99
33) 4-Chloroaniline	11.94	127	71205	14.787	ng		97
34) Hexachlorobutadiene	12.11	225	67709	36.106	ng		94
35) Caprolactam	12.69	113	40978	35.882	ng		97
36) 4-Chloro-3-methylphenol	13.00	107	129664	39.067	ng		95
37) 2-Methylnaphthalene	13.40	142	263092	33.767	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	119081	35.988	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	83360	49.432	ng		89
42) 2,4,6-Trichlorophenol	13.98	196	79222	37.965	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	14.05	196	90306	37.391	ng	#	96
45) 1,1'-Biphenyl	14.37	154	322829	33.143	ng		97
46) 2-Chloronaphthalene	14.43	162	246752	33.913	ng		95
47) 2-Nitroaniline	14.61	65	90458	49.031	ng		95
48) Acenaphthylene	15.26	152	397011	33.327	ng		100
49) Dimethylphthalate	14.95	163	304771	32.201	ng		99
50) 2,6-Dinitrotoluene	15.08	165	67970	44.243	ng		94
51) Acenaphthene	15.59	154	235404	31.730	ng		95
52) 3-Nitroaniline	15.42	138	53942	31.003	ng	#	86
54) Dibenzofuran	15.92	168	369308	34.960	ng		93
55) 4-Nitrophenol	15.69	139	72462	49.696	ng		96
56) 2,4-Dinitrotoluene	15.86	165	93198	50.459	ng		90
57) Fluorene	16.56	166	292048	33.496	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.14	232	40054m	21.361	ng		
59) Diethylphthalate	16.29	149	327110	32.768	ng		98
60) 4-Chlorophenyl-phenylether	16.53	204	148290	34.767	ng	#	88
61) 4-Nitroaniline	16.56	138	70720	36.004	ng		95
62) Azobenzene	16.83	77	305927	34.256	ng		96
64) 4,6-Dinitro-2-methylphenol	16.63	198	1376	7.410	ng		86
65) n-Nitrosodiphenylamine	16.75	169	268765	35.241	ng		98
66) 4-Bromophenyl-phenylether	17.43	248	88164	35.565	ng	#	84
67) Hexachlorobenzene	17.56	284	96206	35.913	ng		94
68) Atrazine	17.67	200	95412	38.007	ng		97
69) Pentachlorophenol	17.90	266	12835	7.607	ng		97
70) Phenanthrene	18.30	178	457087	34.947	ng		100
71) Anthracene	18.39	178	466720	35.544	ng		100
72) Carbazole	18.64	167	434959	33.607	ng		98
73) Di-n-butylphthalate	19.14	149	552477	34.795	ng		99
74) Fluoranthene	20.25	202	509255	35.248	ng		97
76) Benzidine	20.41	184	74445	9.427	ng		100
77) Pyrene	20.61	202	513795	31.450	ng		99
79) Butylbenzylphthalate	21.46	149	253240	34.962	ng		93
80) Benzo(a)anthracene	22.59	228	510063	34.335	ng		100
81) 3,3'-Dichlorobenzidine	22.47	252	88545	16.093	ng	#	98
82) Chrysene	22.67	228	488339	34.413	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	371603	34.659	ng		96
84) Di-n-octyl phthalate	23.82	149	637662	39.018	ng		97
85) Indeno(1,2,3-cd)pyrene	30.83	276	545997	32.992	ng	#	94
87) Benzo(b)fluoranthene	25.19	252	510700	34.286	ng	#	97
88) Benzo(k)fluoranthene	25.27	252	511204	34.533	ng	#	95
89) Benzo(a)pyrene	26.23	252	497294	35.101	ng	#	96
90) Dibenzo(a,h)anthracene	30.91	278	433573	30.404	ng	#	94
91) Benzo(g,h,i)perylene	32.23	276	457937	32.576	ng	#	95

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

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