Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122018\
Data File : BG038763.D
Acq On : 20 Dec 2018 15:34
Operator : JU/SJ
Sample : PB115836BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115836BS

Manual Integrations APPROVED
Sohil
12/21/2018 2:43:35 PM

Quant Time: Dec 21 00:32:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26153	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	101896	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	69147	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	175193	20.00	ng		0.00
76) Chrysene-d12	21.72	240	176451	20.00	ng		0.00
87) Perylene-d12	25.01	264	184605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	184445	125.09	ng		0.00
7) Phenol-d6	7.21	99	244156	120.62	ng		0.00
23) Nitrobenzene-d5	9.23	82	127910	64.13	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	122788	128.85	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	325744	64.63	ng		0.00
79) Terphenyl-d14	20.04	244	652778	80.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	23419	34.125	ng		96
3) Pyridine	3.89	79	64124	33.938	ng		99
4) n-Nitrosodimethylamine	3.82	42	39691	42.873	ng		93
6) Aniline	7.38	93	80266	31.062	ng		99
8) 2-Chlorophenol	7.62	128	75478	44.233	ng		98
9) Benzaldehyde	7.19	77	23589	17.964	ng		98
10) Phenol	7.24	94	95910	44.598	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	63112	36.860	ng		96
12) 1,3-Dichlorobenzene	7.94	146	80774	40.035	ng		99
13) 1,4-Dichlorobenzene	8.09	146	82429	39.891	ng		98
14) 1,2-Dichlorobenzene	8.41	146	79861	40.996	ng		97
15) Benzyl Alcohol	8.30	79	67742	42.875	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	135401	34.522	ng		97
17) 2-Methylphenol	8.50	107	63632	44.163	ng		98
18) Hexachloroethane	9.13	117	29484	39.048	ng		99
19) n-Nitroso-di-n-propylamine	8.86	70	52133	36.669	ng		99
20) 3+4-Methylphenols	8.83	107	88866	44.659	ng		97
22) Acetophenone	8.89	105	106592	41.880	ng	#	97
24) Nitrobenzene	9.27	77	83305	41.286	ng		99
25) Isophorone	9.79	82	148566	41.457	ng		98
26) 2-Nitrophenol	9.98	139	43983	42.589	ng		94
27) 2,4-Dimethylphenol	10.03	122	75645	51.109	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	86183	42.615	ng		95
29) 2,4-Dichlorophenol	10.52	162	82893	50.343	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	88260	44.377	ng		94
31) Naphthalene	10.92	128	230519	45.916	ng		99
32) Benzoic acid	10.19	122	31293m	36.402	ng		
33) 4-Chloroaniline	11.04	127	54172	24.853	ng		98
34) Hexachlorobutadiene	11.18	225	57960	43.068	ng		94
35) Caprolactam	11.83	113	26707	39.194	ng		95
36) 4-Chloro-3-methylphenol	12.15	107	83947	44.677	ng		99
37) 2-Methylnaphthalene	12.52	142	174868	48.823	ng		96
38) 1-Methylnaphthalene	12.75	142	164007	47.188	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	107590	41.626	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	128208	90.286	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	71812	45.187	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	80126	47.619	ng		95
46) 1,1'-Biphenyl	13.53	154	230613	39.783	ng		98
47) 2-Chloronaphthalene	13.57	162	186983	41.759	ng		98
48) 2-Nitroaniline	13.79	65	58388	40.938	ng		91
49) Acenaphthylene	14.42	152	301312	45.013	ng		99
50) Dimethylphthalate	14.14	163	238719	42.275	ng		99
51) 2,6-Dinitrotoluene	14.28	165	54985	42.969	ng		91
52) Acenaphthene	14.76	154	172422	43.076	ng		97
53) 3-Nitroaniline	14.61	138	40730	31.224	ng		88
54) 2,4-Dinitrophenol	14.82	184	54271	71.843	ng		96
55) Dibenzofuran	15.09	168	293802	42.820	ng		98
56) 4-Nitrophenol	14.91	139	80976	81.827	ng		97
57) 2,4-Dinitrotoluene	15.06	165	78198	43.387	ng		96
58) Fluorene	15.74	166	238473	46.912	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	72638	47.982	ng		99
60) Diethylphthalate	15.50	149	245567	39.614	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	133949	42.232	ng		99
62) 4-Nitroaniline	15.78	138	57776	43.022	ng		97
63) Azobenzene	16.02	77	210567	40.662	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	47892	38.322	ng		93
66) n-Nitrosodiphenylamine	15.95	169	216061	41.974	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	91370	42.704	ng		99
68) Hexachlorobenzene	16.74	284	94586	42.646	ng		97
69) Atrazine	16.89	200	88574	46.366	ng		97
70) Pentachlorophenol	17.09	266	93711	71.432	ng		97
71) Phenanthrene	17.49	178	407624	44.868	ng		99
72) Anthracene	17.58	178	419514	46.775	ng		98
73) Carbazole	17.85	167	364419	41.085	ng		99
74) Di-n-butylphthalate	18.38	149	424391	41.698	ng		99
75) Fluoranthene	19.49	202	503401	44.784	ng		98
77) Benzidine	19.67	184	225566	43.225	ng		99
78) Pyrene	19.86	202	498590	42.772	ng		99
80) Butylbenzylphthalate	20.72	149	188008	41.282	ng		98
81) Benzo(a)anthracene	21.70	228	494240	45.967	ng		100
82) 3,3'-Dichlorobenzidine	21.62	252	134338	31.503	ng		98
83) Chrysene	21.77	228	460208	44.437	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	267201	41.368	ng		97
85) Di-n-octyl phthalate	22.79	149	451529	41.741	ng		98
86) Indeno(1,2,3-cd)pyrene	28.79	276	557935	45.824	ng	#	94
88) Benzo(b)fluoranthene	23.96	252	497078	49.043	ng		99
89) Benzo(k)fluoranthene	24.03	252	476797	47.241	ng		99
90) Benzo(a)pyrene	24.86	252	478592	48.945	ng		97
91) Dibenzo(a,h)anthracene	28.86	278	460934	47.344	ng		98
92) Benzo(g,h,i)perylene	29.98	276	454240	47.343	ng		97

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

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