Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
Data File : BG037100.D
Acq On : 2 Oct 2018 11:32
Operator : JU/SJ
Sample : PB113413BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113413BS

Manual Integrations APPROVED
Sohil
10/2/2018 5:20:34 PM

Quant Time: Oct 02 12:07:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49769	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	227720	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	143053	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	359063	20.00	ng		0.00
75) Chrysene-d12	21.68	240	370744	20.00	ng		0.00
86) Perylene-d12	24.89	264	360114	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	346859	133.66	ng		0.00
7) Phenol-d6	7.21	99	467926	116.54	ng		0.00
23) Nitrobenzene-d5	9.20	82	294987	69.37	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	180342	105.37	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	650606	67.74	ng		-0.01
78) Terphenyl-d14	20.01	244	1105823	78.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	50365	42.413	ng		98
3) Pyridine	3.92	79	131985	38.493	ng		97
4) n-Nitrosodimethylamine	3.83	42	77497	50.853	ng	#	96
6) Aniline	7.36	93	170718	32.768	ng		98
8) 2-Chlorophenol	7.61	128	139603	46.330	ng		95
9) Benzaldehyde	7.18	77	64711	24.391	ng		99
10) Phenol	7.23	94	187575	45.266	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	145557	37.974	ng		97
12) 1,3-Dichlorobenzene	7.93	146	146095	39.547	ng		99
13) 1,4-Dichlorobenzene	8.08	146	152427	40.319	ng		99
14) 1,2-Dichlorobenzene	8.39	146	141443	38.608	ng		96
15) Benzyl Alcohol	8.28	79	126908	38.954	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	293250	39.850	ng		96
17) 2-Methylphenol	8.48	107	121596	42.127	ng		98
18) Hexachloroethane	9.12	117	59590	42.833	ng		99
19) n-Nitroso-di-n-propylamine	8.84	70	119560	35.795	ng		95
20) 3+4-Methylphenols	8.80	107	168311	41.915	ng		99
22) Acetophenone	8.86	105	211296	39.485	ng	#	98
24) Nitrobenzene	9.24	77	178779	39.369	ng		98
25) Isophorone	9.76	82	334330	43.028	ng		98
26) 2-Nitrophenol	9.96	139	74114	40.945	ng		99
27) 2,4-Dimethylphenol	10.01	122	129892	46.068	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	195862	40.851	ng		99
29) 2,4-Dichlorophenol	10.49	162	140126	42.871	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	156087	38.160	ng		98
31) Naphthalene	10.90	128	447918	41.340	ng		98
32) Benzoic acid	10.15	122	28759	17.518	ng		92
33) 4-Chloroaniline	11.00	127	123146	24.997	ng		98
34) Hexachlorobutadiene	11.17	225	104858	37.069	ng		96
35) Caprolactam	11.78	113	49729m	36.966	ng		
36) 4-Chloro-3-methylphenol	12.12	107	153658	39.399	ng		97
37) 2-Methylnaphthalene	12.49	142	338569	41.028	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	186785	37.436	ng		98
40) Hexachlorocyclopentadiene	12.84	237	202894	79.068	ng		98

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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)
42) 2,4,6-Trichlorophenol	13.10	196	114747	41.415	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	126328	42.760	ng		97
45) 1,1'-Biphenyl	13.50	154	434711	39.678	ng		98
46) 2-Chloronaphthalene	13.55	162	331277	38.450	ng		99
47) 2-Nitroaniline	13.75	65	119949	40.250	ng		97
48) Acenaphthylene	14.39	152	566486	41.958	ng		98
49) Dimethylphthalate	14.12	163	440906	38.290	ng		98
50) 2,6-Dinitrotoluene	14.24	165	99889	39.760	ng		94
51) Acenaphthene	14.73	154	321991	39.461	ng		100
52) 3-Nitroaniline	14.57	138	82240	31.065	ng	#	99
53) 2,4-Dinitrophenol	14.78	184	53545	48.778	ng		89
54) Dibenzofuran	15.06	168	545053	39.491	ng		100
55) 4-Nitrophenol	14.89	139	141874	83.887	ng		98
56) 2,4-Dinitrotoluene	15.03	165	143784	41.015	ng		93
57) Fluorene	15.71	166	431917	41.869	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	126804	42.310	ng		97
59) Diethylphthalate	15.48	149	448771	38.641	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	241436	36.956	ng		98
61) 4-Nitroaniline	15.74	138	109338	39.264	ng		95
62) Azobenzene	16.00	77	456672	40.923	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	63788	33.980	ng		98
65) n-Nitrosodiphenylamine	15.92	169	388204	39.162	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	151713	37.147	ng		97
67) Hexachlorobenzene	16.72	284	158592	37.703	ng		99
68) Atrazine	16.87	200	154606	38.519	ng		98
69) Pentachlorophenol	17.07	266	161044	60.809	ng		100
70) Phenanthrene	17.45	178	732193	42.316	ng		98
71) Anthracene	17.55	178	747589	43.694	ng		100
72) Carbazole	17.82	167	669367	40.126	ng		99
73) Di-n-butylphthalate	18.36	149	783649	42.301	ng		100
74) Fluoranthene	19.46	202	900218	43.221	ng		100
76) Benzidine	19.64	184	310370	27.693	ng		98
77) Pyrene	19.82	202	883787	39.725	ng		100
79) Butylbenzylphthalate	20.70	149	369852	41.707	ng		96
80) Benzo(a)anthracene	21.66	228	875136	40.437	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	251461	30.525	ng		98
82) Chrysene	21.72	228	824018	39.407	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	513196	41.427	ng		100
84) Di-n-octyl phthalate	22.76	149	863130	42.317	ng		98
85) Indeno(1,2,3-cd)pyrene	28.53	276	968686	43.140	ng		99
87) Benzo(b)fluoranthene	23.87	252	856160	44.612	ng		97
88) Benzo(k)fluoranthene	23.93	252	862083	44.774	ng		100
89) Benzo(a)pyrene	24.73	252	839732	45.259	ng		99
90) Dibenzo(a,h)anthracene	28.60	278	813048	46.757	ng		99
91) Benzo(g,h,i)perylene	29.67	276	795176	45.565	ng		99

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

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