Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\
Data File : BG037088.D
Acq On : 1 Oct 2018 22:51
Operator : JU/SJ
Sample : PB113393BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113393BS

Manual Integrations APPROVED
Sohil
10/2/2018 5:20:49 PM

Quant Time: Oct 02 16:44:43 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	46707	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	192497	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	123789	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	317304	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	318070	20.00	ng		-0.01
86) Perylene-d12	24.87	264	326883	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	264155	108.46	ng		0.00
7) Phenol-d6	7.20	99	370079	98.21	ng		-0.01
23) Nitrobenzene-d5	9.20	82	233558	64.97	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	142772	96.40	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	521623	62.76	ng		-0.01
78) Terphenyl-d14	20.02	244	897943	74.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	39370m	35.327	ng		
3) Pyridine	3.92	79	103809	32.261	ng		99
4) n-Nitrosodimethylamine	3.83	42	53654	37.516	ng	#	93
6) Aniline	7.37	93	43981	8.995	ng		96
8) 2-Chlorophenol	7.60	128	105630	37.353	ng		92
9) Benzaldehyde	7.18	77	57968	23.281	ng		98
10) Phenol	7.23	94	141421	36.366	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	106518	29.611	ng		98
12) 1,3-Dichlorobenzene	7.93	146	113213	32.655	ng		100
13) 1,4-Dichlorobenzene	8.08	146	115126	32.449	ng		98
14) 1,2-Dichlorobenzene	8.39	146	113500	33.012	ng		96
15) Benzyl Alcohol	8.28	79	89071	29.132	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	216906	31.408	ng		97
17) 2-Methylphenol	8.48	107	91189	33.663	ng		98
18) Hexachloroethane	9.12	117	44876	34.371	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	92483m	29.504	ng		
20) 3+4-Methylphenols	8.81	107	122815	32.590	ng		99
22) Acetophenone	8.86	105	157492	34.815	ng	#	96
24) Nitrobenzene	9.25	77	132943	34.632	ng		98
25) Isophorone	9.76	82	250760	38.178	ng		100
26) 2-Nitrophenol	9.96	139	54824	35.830	ng		99
27) 2,4-Dimethylphenol	10.01	122	97238	40.797	ng		99
28) bis(2-Chloroethoxy)methane	10.24	93	142639	35.194	ng		100
29) 2,4-Dichlorophenol	10.49	162	102500	37.098	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	114660	33.161	ng		99
31) Naphthalene	10.89	128	340033	37.125	ng		98
32) Benzoic acid	10.13	122	25368m	18.027	ng		
33) 4-Chloroaniline	11.01	127	28995	6.963	ng		99
34) Hexachlorobutadiene	11.17	225	78472	32.818	ng		97
35) Caprolactam	11.77	113	39432	34.675	ng		97
36) 4-Chloro-3-methylphenol	12.12	107	124243	37.686	ng		93
37) 2-Methylnaphthalene	12.49	142	257054	36.850	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	143078	33.139	ng		98
40) Hexachlorocyclopentadiene	12.84	237	163244	73.516	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	85897	35.827 ng	97
43) 2,4,5-Trichlorophenol	13.18	196	97752	38.236 ng	99
45) 1,1'-Biphenyl	13.50	154	329784	34.786 ng	97
46) 2-Chloronaphthalene	13.54	162	252749	33.901 ng	98
47) 2-Nitroaniline	13.75	65	93196	36.140 ng	96
48) Acenaphthylene	14.39	152	437360	37.436 ng	99
49) Dimethylphthalate	14.12	163	343086	34.432 ng	99
50) 2,6-Dinitrotoluene	14.23	165	74614	34.321 ng	97
51) Acenaphthene	14.73	154	248075	35.133 ng	99
52) 3-Nitroaniline	14.58	138	24766	10.811 ng	95
53) 2,4-Dinitrophenol	14.78	184	34427m	38.209 ng	
54) Dibenzofuran	15.06	168	414408	34.698 ng	98
55) 4-Nitrophenol	14.88	139	105464	72.063 ng	98
56) 2,4-Dinitrotoluene	15.03	165	108826	35.874 ng	90
57) Fluorene	15.71	166	339309	38.010 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	98220	37.873 ng	98
59) Diethylphthalate	15.47	149	349232	34.750 ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	185118m	32.745 ng	
61) 4-Nitroaniline	15.74	138	80645	33.467 ng	97
62) Azobenzene	16.00	77	357952	37.069 ng	97
64) 4,6-Dinitro-2-methylphenol	15.79	198	42087	25.370 ng	96
65) n-Nitrosodiphenylamine	15.91	169	305066	34.825 ng	97
66) 4-Bromophenyl-phenylether	16.60	248	118481	32.828 ng	97
67) Hexachlorobenzene	16.71	284	120090	32.307 ng	98
68) Atrazine	16.86	200	127278	35.884 ng	99
69) Pentachlorophenol	17.06	266	125044m	53.430 ng	
70) Phenanthrene	17.45	178	565823	37.004 ng	98
71) Anthracene	17.54	178	584934	38.687 ng	100
72) Carbazole	17.81	167	512471	34.763 ng	98
73) Di-n-butylphthalate	18.36	149	601541	36.744 ng	99
74) Fluoranthene	19.46	202	691854	37.589 ng	99
76) Benzidine	19.65	184	103617	10.776 ng	97
77) Pyrene	19.82	202	695602	36.444 ng	99
79) Butylbenzylphthalate	20.70	149	276442	36.336 ng	95
80) Benzo(a)anthracene	21.65	228	678128	36.523 ng	98
81) 3,3'-Dichlorobenzidine	21.57	252	95811	13.557 ng	97
82) Chrysene	21.73	228	643571	35.874 ng	98
83) Bis(2-ethylhexyl)phthalate	21.55	149	386143	36.332 ng	98
84) Di-n-octyl phthalate	22.76	149	654088	37.379 ng	97
85) Indeno(1,2,3-cd)pyrene	28.52	276	721035	37.428 ng	98
87) Benzo(b)fluoranthene	23.86	252	646215	37.095 ng	98
88) Benzo(k)fluoranthene	23.93	252	656895	37.586 ng	99
89) Benzo(a)pyrene	24.73	252	647080	38.421 ng	99
90) Dibenzo(a,h)anthracene	28.59	278	591600	37.481 ng	99
91) Benzo(g,h,i)perylene	29.66	276	586045	36.995 ng	98

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

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