Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
Data File : BG036834.D
Acq On : 20 Sep 2018 00:32
Operator : JU/SJ
Sample : PB113024BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113024BS

Manual Integrations APPROVED
Sohil
9/20/2018 11:46:47 AM

Quant Time: Sep 20 07:35:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51637	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	218306	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	150259	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	397781	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	396649	20.00	ng		0.00
86) Perylene-d12	24.88	264	418154	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	403715	124.02	ng		0.00
7) Phenol-d6	7.21	99	572134	122.76	ng		0.00
23) Nitrobenzene-d5	9.21	82	349587	86.88	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	259734	144.87	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	807838	76.76	ng		-0.01
78) Terphenyl-d14	20.02	244	1422615	83.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	46575	30.658	ng		97
3) Pyridine	3.92	79	144829	33.964	ng		97
4) n-Nitrosodimethylamine	3.84	42	81557	42.941	ng		98
6) Aniline	7.37	93	110671	18.708	ng		98
8) 2-Chlorophenol	7.61	128	154711	43.827	ng		95
9) Benzaldehyde	7.18	77	62006	19.320	ng		99
10) Phenol	7.24	94	220835	45.278	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	148891	38.506	ng		97
12) 1,3-Dichlorobenzene	7.94	146	153437	38.066	ng		99
13) 1,4-Dichlorobenzene	8.08	146	157482	38.697	ng		99
14) 1,2-Dichlorobenzene	8.40	146	150084	38.616	ng		98
15) Benzyl Alcohol	8.28	79	156438	41.638	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	298450	38.274	ng		99
17) 2-Methylphenol	8.48	107	146498	45.236	ng		95
18) Hexachloroethane	9.13	117	58594	40.158	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	129217	37.097	ng		97
20) 3+4-Methylphenols	8.81	107	205393	45.426	ng		99
22) Acetophenone	8.87	105	234885	40.974	ng	#	98
24) Nitrobenzene	9.25	77	195148	44.978	ng		97
25) Isophorone	9.77	82	359211	44.941	ng		98
26) 2-Nitrophenol	9.96	139	89638	52.136	ng		95
27) 2,4-Dimethylphenol	10.02	122	162568	51.072	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	212964	43.413	ng		97
29) 2,4-Dichlorophenol	10.50	162	176629	50.632	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	170881	41.873	ng		97
31) Naphthalene	10.90	128	491771	45.063	ng		100
32) Benzoic acid	10.14	122	63840m	29.007	ng		
33) 4-Chloroaniline	11.00	127	81387	16.275	ng		98
34) Hexachlorobutadiene	11.19	225	115296	42.049	ng		98
35) Caprolactam	11.80	113	65815	47.360	ng		99
36) 4-Chloro-3-methylphenol	12.13	107	204883	50.545	ng		97
37) 2-Methylnaphthalene	12.50	142	384946	48.209	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	222060	41.760	ng		99
40) Hexachlorocyclopentadiene	12.85	237	261046	94.353	ng		97

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	158564	48.952	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	171182	49.548	ng		98
45) 1,1'-Biphenyl	13.51	154	510296	40.913	ng		98
46) 2-Chloronaphthalene	13.55	162	393852	41.363	ng		100
47) 2-Nitroaniline	13.75	65	153395	51.302	ng		98
48) Acenaphthylene	14.39	152	681732	45.812	ng		99
49) Dimethylphthalate	14.12	163	555392	45.266	ng		99
50) 2,6-Dinitrotoluene	14.25	165	123293	48.834	ng		96
51) Acenaphthene	14.74	154	396532	41.607	ng		100
52) 3-Nitroaniline	14.58	138	74364	27.332	ng		97
53) 2,4-Dinitrophenol	14.78	184	31208	32.634	ng		95
54) Dibenzofuran	15.07	168	657648	44.045	ng		99
55) 4-Nitrophenol	14.88	139	183887	82.663	ng		99
56) 2,4-Dinitrotoluene	15.03	165	177598	53.973	ng		93
57) Fluorene	15.72	166	525843	47.110	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	175121	53.949	ng		95
59) Diethylphthalate	15.49	149	553696	44.779	ng		100
60) 4-Chlorophenyl-phenylether	15.71	204	303169	43.986	ng		98
61) 4-Nitroaniline	15.74	138	136800	48.050	ng		96
62) Azobenzene	16.00	77	550843	43.783	ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	53628	30.691	ng		97
65) n-Nitrosodiphenylamine	15.93	169	496937	42.044	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	201970	43.367	ng		99
67) Hexachlorobenzene	16.72	284	202094	42.438	ng		99
68) Atrazine	16.87	200	212357	47.867	ng		100
69) Pentachlorophenol	17.07	266	187062	57.797	ng		98
70) Phenanthrene	17.46	178	903694	44.710	ng		98
71) Anthracene	17.55	178	918789	45.601	ng		99
72) Carbazole	17.82	167	811808	40.345	ng		100
73) Di-n-butylphthalate	18.37	149	936035	41.774	ng		99
74) Fluoranthene	19.47	202	1100748	44.667	ng		99
76) Benzidine	19.64	184	273810	21.637	ng		98
77) Pyrene	19.82	202	1083854	44.436	ng		99
79) Butylbenzylphthalate	20.71	149	435601	44.874	ng		95
80) Benzo(a)anthracene	21.66	228	1091310	45.415	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	208502	21.772	ng		99
82) Chrysene	21.73	228	1011176	44.395	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	589306	43.383	ng		99
84) Di-n-octyl phthalate	22.77	149	998481	44.007	ng		98
85) Indeno(1,2,3-cd)pyrene	28.54	276	1206690	45.613	ng	#	98
87) Benzo(b)fluoranthene	23.87	252	1109154	47.767	ng		98
88) Benzo(k)fluoranthene	23.94	252	1029504	45.383	ng		98
89) Benzo(a)pyrene	24.74	252	1058646	47.445	ng		100
90) Dibenzo(a,h)anthracene	28.60	278	985130	45.733	ng		98
91) Benzo(g,h,i)perylene	29.68	276	991284	45.794	ng		97

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

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