Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036711.D
Acq On : 14 Sep 2018 18:42
Operator : JU/SJ
Sample : PB112835BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112835BS

Manual Integrations APPROVED
Sohil
9/17/2018 2:36:08 PM

Quant Time: Sep 15 02:30:19 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	57378	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	263141	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	182687	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	471697	20.00	ng		0.00
75) Chrysene-d12	21.69	240	464092	20.00	ng		0.00
86) Perylene-d12	24.89	264	445617	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	408096	112.82	ng		0.00
7) Phenol-d6	7.21	99	569739	110.01	ng		0.00
23) Nitrobenzene-d5	9.21	82	333835	68.83	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	259045	118.84	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	824653	64.45	ng		0.00
78) Terphenyl-d14	20.02	244	1354558	68.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	50969	30.194	ng		99
3) Pyridine	3.92	79	148689	31.380	ng		98
4) n-Nitrosodimethylamine	3.84	42	79409	37.627	ng		94
6) Aniline	7.37	93	212546	32.334	ng		95
8) 2-Chlorophenol	7.62	128	164179	41.855	ng		94
9) Benzaldehyde	7.19	77	95585	26.803	ng		95
10) Phenol	7.24	94	230940	42.613	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	157915	36.754	ng		97
12) 1,3-Dichlorobenzene	7.94	146	164869	36.810	ng		99
13) 1,4-Dichlorobenzene	8.09	146	166284	36.771	ng		99
14) 1,2-Dichlorobenzene	8.40	146	157063	36.368	ng		99
15) Benzyl Alcohol	8.29	79	165161	39.561	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	303926	35.076	ng		98
17) 2-Methylphenol	8.49	107	157669	43.814	ng		99
18) Hexachloroethane	9.14	117	60027	37.024	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	141792	36.635	ng		93
20) 3+4-Methylphenols	8.81	107	218683	43.526	ng		98
22) Acetophenone	8.87	105	255609	36.991	ng	#	99
24) Nitrobenzene	9.25	77	202815	38.780	ng		96
25) Isophorone	9.78	82	399636	41.479	ng		97
26) 2-Nitrophenol	9.97	139	99113	47.825	ng		97
27) 2,4-Dimethylphenol	10.02	122	173054	45.103	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	231099	39.083	ng		98
29) 2,4-Dichlorophenol	10.50	162	189147	44.982	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	179356	36.461	ng		100
31) Naphthalene	10.91	128	518512	39.418	ng		100
32) Benzoic acid	10.11	122	37928m	16.568	ng		
33) 4-Chloroaniline	11.01	127	189728	31.476	ng		99
34) Hexachlorobutadiene	11.19	225	121409	36.734	ng		99
35) Caprolactam	11.79	113	77194	46.083	ng	#	86
36) 4-Chloro-3-methylphenol	12.13	107	212249	43.440	ng		97
37) 2-Methylnaphthalene	12.51	142	412614	42.869	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	239588	37.059	ng		99
40) Hexachlorocyclopentadiene	12.86	237	285378	84.838	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	170109	43.195	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	184117	43.832	ng		99
45) 1,1'-Biphenyl	13.51	154	540339	35.632	ng		99
46) 2-Chloronaphthalene	13.56	162	412120	35.599	ng		99
47) 2-Nitroaniline	13.76	65	157711	43.383	ng		98
48) Acenaphthylene	14.40	152	706418	39.044	ng		100
49) Dimethylphthalate	14.13	163	574328	38.500	ng		98
50) 2,6-Dinitrotoluene	14.25	165	126953	41.358	ng		97
51) Acenaphthene	14.74	154	426646	36.820	ng		99
52) 3-Nitroaniline	14.58	138	109965	33.243	ng		99
53) 2,4-Dinitrophenol	14.78	184	105206	90.485	ng		96
54) Dibenzofuran	15.08	168	682088	37.573	ng		99
55) 4-Nitrophenol	14.88	139	223232	82.537	ng		99
56) 2,4-Dinitrotoluene	15.04	165	185140	46.278	ng		90
57) Fluorene	15.72	166	546801	40.292	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	188765	47.830	ng		95
59) Diethylphthalate	15.49	149	571158	37.992	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	313162	37.371	ng		98
61) 4-Nitroaniline	15.74	138	143299	41.398	ng		94
62) Azobenzene	16.01	77	559771	36.595	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	99620	48.077	ng		93
65) n-Nitrosodiphenylamine	15.93	169	504580	36.001	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	207756	37.619	ng		99
67) Hexachlorobenzene	16.73	284	213153	37.746	ng		94
68) Atrazine	16.88	200	212874	40.464	ng		96
69) Pentachlorophenol	17.07	266	238671	62.187	ng		96
70) Phenanthrene	17.46	178	923137	38.515	ng		98
71) Anthracene	17.55	178	938483	39.280	ng		99
72) Carbazole	17.82	167	834328	34.966	ng		99
73) Di-n-butylphthalate	18.37	149	957512	36.037	ng		99
74) Fluoranthene	19.47	202	1118508	38.276	ng		100
76) Benzidine	19.64	184	470870	31.801	ng		99
77) Pyrene	19.83	202	1071472	37.544	ng		98
79) Butylbenzylphthalate	20.71	149	431818	38.020	ng		96
80) Benzo(a)anthracene	21.66	228	1079252	38.386	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	309396	27.612	ng		99
82) Chrysene	21.73	228	1001330	37.574	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	583263	36.698	ng		100
84) Di-n-octyl phthalate	22.78	149	992212	37.376	ng		98
85) Indeno(1,2,3-cd)pyrene	28.54	276	1205352	38.941	ng	#	95
87) Benzo(b)fluoranthene	23.87	252	1066150	43.085	ng		96
88) Benzo(k)fluoranthene	23.94	252	1010602	41.804	ng		98
89) Benzo(a)pyrene	24.74	252	1022449	42.999	ng		98
90) Dibenzo(a,h)anthracene	28.60	278	981188	42.743	ng		96
91) Benzo(g,h,i)perylene	29.68	276	998603	43.289	ng		96

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

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