Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042712.D
Acq On : 4 Sep 2019 17:58
Operator : HP/JU
Sample : PB122793BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122793BS

Quant Time: Sep 05 01:09:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29238	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	118294	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	89125	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	219594	20.00	ng		0.00
76) Chrysene-d12	21.69	240	234661	20.00	ng		0.00
87) Perylene-d12	24.93	264	245905	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	176150	122.02	ng		0.00
7) Phenol-d6	7.17	99	218041	111.81	ng		0.00
23) Nitrobenzene-d5	9.17	82	112440	65.68	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	158406	125.05	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	388955	73.81	ng		0.00
79) Terphenyl-d14	20.02	244	777734	71.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	23162	38.446	ng	#	93
3) Pyridine	3.82	79	49318	31.924	ng		98
4) n-Nitrosodimethylamine	3.73	42	24984	45.280	ng		89
6) Aniline	7.32	93	71380	27.444	ng		99
8) 2-Chlorophenol	7.57	128	79218	45.278	ng		98
9) Benzaldehyde	7.13	77	37206	38.110	ng		98
10) Phenol	7.20	94	84970	42.856	ng		95
11) bis(2-Chloroethyl)ether	7.41	93	60126	38.613	ng		97
12) 1,3-Dichlorobenzene	7.89	146	92081	41.372	ng		100
13) 1,4-Dichlorobenzene	8.04	146	96088	42.621	ng		98
14) 1,2-Dichlorobenzene	8.35	146	89716	41.554	ng		100
15) Benzyl Alcohol	8.24	79	57188	40.763	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.53	45	75500	35.773	ng		99
17) 2-Methylphenol	8.45	107	62560	42.839	ng		95
18) Hexachloroethane	9.09	117	31146	40.355	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	46431	36.753	ng	#	93
20) 3+4-Methylphenols	8.78	107	83175	41.160	ng		98
22) Acetophenone	8.83	105	107965	42.672	ng	#	95
24) Nitrobenzene	9.21	77	71307	41.136	ng		100
25) Isophorone	9.73	82	128852	38.141	ng		98
26) 2-Nitrophenol	9.93	139	48507	44.653	ng		98
27) 2,4-Dimethylphenol	9.99	122	72872	48.699	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	81371	38.215	ng		99
29) 2,4-Dichlorophenol	10.47	162	91034	46.498	ng		99
30) 1,2,4-Trichlorobenzene	10.69	180	105164	43.762	ng		97
31) Naphthalene	10.87	128	233473	42.511	ng		99
32) Benzoic acid	10.15	122	29967	31.067	ng		91
33) 4-Chloroaniline	10.99	127	60568	23.890	ng		97
34) Hexachlorobutadiene	11.16	225	72605	44.956	ng		98
35) Caprolactam	11.76	113	25704	39.346	ng		94
36) 4-Chloro-3-methylphenol	12.11	107	80753	43.450	ng		97
37) 2-Methylnaphthalene	12.48	142	191807	43.495	ng		98
38) 1-Methylnaphthalene	12.70	142	179835	42.932	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	133197	46.538	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	108376	72.085 ng		95
43) 2,4,6-Trichlorophenol	13.09	196	83985	43.412 ng		95
44) 2,4,5-Trichlorophenol	13.18	196	90532	45.158 ng		98
46) 1,1'-Biphenyl	13.49	154	256274	44.483 ng		96
47) 2-Chloronaphthalene	13.54	162	209739	42.221 ng		100
48) 2-Nitroaniline	13.74	65	45673	38.128 ng		98
49) Acenaphthylene	14.38	152	327929	43.879 ng		99
50) Dimethylphthalate	14.11	163	269762	41.949 ng		99
51) 2,6-Dinitrotoluene	14.23	165	65802	44.145 ng		96
52) Acenaphthene	14.72	154	191045	42.098 ng		98
53) 3-Nitroaniline	14.56	138	42184	28.297 ng		99
54) 2,4-Dinitrophenol	14.78	184	76239	76.198 ng		97
55) Dibenzofuran	15.06	168	339862	45.244 ng		100
56) 4-Nitrophenol	14.89	139	89312	84.314 ng		94
57) 2,4-Dinitrotoluene	15.03	165	95568	44.773 ng		99
58) Fluorene	15.71	166	276001	44.948 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	93940	47.382 ng	#	94
60) Diethylphthalate	15.47	149	266829	42.446 ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	163338	44.127 ng		97
62) 4-Nitroaniline	15.73	138	66110	41.436 ng		92
63) Azobenzene	15.99	77	174771	40.573 ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	63271	45.956 ng		99
66) n-Nitrosodiphenylamine	15.91	169	258429	42.793 ng		99
67) 4-Bromophenyl-phenylether	16.59	248	117913	42.332 ng		98
68) Hexachlorobenzene	16.73	284	125730	41.523 ng		99
69) Atrazine	16.86	200	97626	45.714 ng		98
70) Pentachlorophenol	17.07	266	136943	87.044 ng		99
71) Phenanthrene	17.45	178	475534	43.596 ng		99
72) Anthracene	17.54	178	483620	44.413 ng		98
73) Carbazole	17.81	167	420134	43.291 ng		98
74) Di-n-butylphthalate	18.37	149	476165	41.507 ng		100
75) Fluoranthene	19.47	202	619187	46.514 ng		95
77) Benzidine	19.65	184	171903	25.551 ng		98
78) Pyrene	19.83	202	619892	43.087 ng		98
80) Butylbenzylphthalate	20.71	149	216338	38.231 ng		93
81) Benzo(a)anthracene	21.67	228	616244	43.170 ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	211630	36.862 ng		99
83) Chrysene	21.74	228	599645	43.557 ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	317605	40.424 ng		98
85) Di-n-octyl phthalate	22.78	149	554480	41.033 ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	744160	39.776 ng	#	96
88) Benzo(b)fluoranthene	23.91	252	675045	49.933 ng		98
89) Benzo(k)fluoranthene	23.97	252	664204	51.114 ng	#	98
90) Benzo(a)pyrene	24.78	252	665782	51.899 ng		99
91) Dibenzo(a,h)anthracene	28.70	278	635425	48.921 ng		98
92) Benzo(g,h,i)perylene	29.80	276	613067	47.193 ng		98

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

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