Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040799.D
Acq On : 8 May 2019 22:12
Operator : HP/JU
Sample : PB119558BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119558BS

Quant Time: May 09 05:01:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	50287	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	194707	20.00	ng		-0.01
39) Acenaphthene-d10	14.77	164	144224	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	389885	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	399737	20.00	ng		-0.03
87) Perylene-d12	25.15	264	413377	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	424682	148.87	ng		0.00
7) Phenol-d6	7.28	99	599826	136.56	ng		-0.01
23) Nitrobenzene-d5	9.32	82	359813	85.39	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	308247	155.49	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	759036	76.01	ng		-0.02
79) Terphenyl-d14	20.11	244	1548891	85.84	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	46373	35.744	ng		94
3) Pyridine	3.94	79	126110	33.536	ng		98
4) n-Nitrosodimethylamine	3.87	42	77506	37.159	ng		93
6) Aniline	7.46	93	156937	26.956	ng		98
8) 2-Chlorophenol	7.70	128	134341	38.567	ng		95
9) Benzaldehyde	7.28	77	89701	32.106	ng		95
10) Phenol	7.31	94	182266	38.602	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	125661	35.491	ng		98
12) 1,3-Dichlorobenzene	8.03	146	144213	37.931	ng		95
13) 1,4-Dichlorobenzene	8.18	146	144576	37.511	ng		98
14) 1,2-Dichlorobenzene	8.50	146	139866	37.629	ng		98
15) Benzyl Alcohol	8.38	79	157092	34.372	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	215454	30.564	ng		97
17) 2-Methylphenol	8.57	107	127222	38.074	ng		94
18) Hexachloroethane	9.23	117	55637	35.190	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	121555	30.743	ng		95
20) 3+4-Methylphenols	8.90	107	173504	37.274	ng		99
22) Acetophenone	8.97	105	224002	41.372	ng	#	93
24) Nitrobenzene	9.36	77	190827	42.444	ng		96
25) Isophorone	9.88	82	339633	36.184	ng		98
26) 2-Nitrophenol	10.07	139	79032	49.039	ng		97
27) 2,4-Dimethylphenol	10.11	122	140515	46.469	ng		98
28) bis(2-Chloroethoxy)methane	10.36	93	174041	36.957	ng		98
29) 2,4-Dichlorophenol	10.60	162	157070	45.691	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	164629	43.185	ng		98
31) Naphthalene	11.02	128	416839	40.297	ng		100
32) Benzoic acid	10.22	122	74215	35.852	ng		94
33) 4-Chloroaniline	11.12	127	105530	23.010	ng		98
34) Hexachlorobutadiene	11.28	225	119913	42.607	ng		98
35) Caprolactam	11.90	113	53479	39.403	ng		88
36) 4-Chloro-3-methylphenol	12.22	107	180879	41.709	ng		97
37) 2-Methylnaphthalene	12.61	142	314740	40.695	ng		99
38) 1-Methylnaphthalene	12.83	142	302736	40.046	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	219227	40.804	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	267421	84.351	ng		100
43) 2,4,6-Trichlorophenol	13.20	196	148190	45.642	ng		99
44) 2,4,5-Trichlorophenol	13.27	196	161389	45.630	ng		97
46) 1,1'-Biphenyl	13.61	154	423940	37.860	ng		97
47) 2-Chloronaphthalene	13.66	162	344967	39.365	ng		99
48) 2-Nitroaniline	13.86	65	141927	45.499	ng		97
49) Acenaphthylene	14.50	152	552362	37.152	ng		99
50) Dimethylphthalate	14.22	163	470057	38.954	ng		98
51) 2,6-Dinitrotoluene	14.35	165	104369	44.316	ng		98
52) Acenaphthene	14.84	154	328441	37.933	ng		94
53) 3-Nitroaniline	14.68	138	82928	34.366	ng	#	92
54) 2,4-Dinitrophenol	14.88	184	48405	40.262	ng		85
55) Dibenzofuran	15.17	168	569270	40.140	ng		98
56) 4-Nitrophenol	14.97	139	149623	71.508	ng		94
57) 2,4-Dinitrotoluene	15.13	165	153383	47.929	ng		91
58) Fluorene	15.82	166	448029	39.086	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	170619	47.928	ng		95
60) Diethylphthalate	15.57	149	487366	38.280	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	276343	41.451	ng		96
62) 4-Nitroaniline	15.84	138	116322	43.093	ng		90
63) Azobenzene	16.09	77	479705	36.586	ng		97
65) 4,6-Dinitro-2-methylphenol	15.88	198	59339	33.420	ng		96
66) n-Nitrosodiphenylamine	16.02	169	421849	36.776	ng		96
67) 4-Bromophenyl-phenylether	16.70	248	188773	38.863	ng		94
68) Hexachlorobenzene	16.81	284	195041	38.833	ng		96
69) Atrazine	16.96	200	188183	41.407	ng		97
70) Pentachlorophenol	17.15	266	225682	76.787	ng		97
71) Phenanthrene	17.56	178	800018	38.096	ng		99
72) Anthracene	17.65	178	828495	39.249	ng		99
73) Carbazole	17.91	167	737549	38.351	ng		98
74) Di-n-butylphthalate	18.45	149	870728	37.511	ng		99
75) Fluoranthene	19.55	202	1062758	40.610	ng		98
77) Benzidine	19.74	184	358320	32.738	ng		99
78) Pyrene	19.92	202	1072271	42.799	ng		99
80) Butylbenzylphthalate	20.79	149	413268	42.322	ng		96
81) Benzo(a)anthracene	21.78	228	1033427	40.906	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	263834	29.300	ng		95
83) Chrysene	21.85	228	1021223	42.504	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	558033	39.589	ng		96
85) Di-n-octyl phthalate	22.90	149	941571	39.664	ng		96
86) Indeno(1,2,3-cd)pyrene	29.01	276	917559	31.586	ng	#	90
88) Benzo(b)fluoranthene	24.08	252	1018875	40.334	ng		97
89) Benzo(k)fluoranthene	24.15	252	1029857	43.654	ng		99
90) Benzo(a)pyrene	24.99	252	1012391	42.339	ng		99
91) Dibenzo(a,h)anthracene	29.08	278	708463	29.278	ng		97
92) Benzo(g,h,i)perylene	30.21	276	724857	30.099	ng		98

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

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