Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037371.D
Acq On : 16 Oct 2018 22:42
Operator : JU/SJ
Sample : PB113872BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113872BS

Quant Time: Oct 17 01:41:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59521	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	257085	20.00	ng		-0.01
39) Acenaphthene-d10	14.75	164	174753	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	433163	20.00	ng		-0.01
76) Chrysene-d12	21.78	240	395830	20.00	ng		-0.02
87) Perylene-d12	25.12	264	413949	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	448850	132.72	ng		0.00
7) Phenol-d6	7.26	99	643052	125.27	ng		0.00
23) Nitrobenzene-d5	9.29	82	358824	91.76	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	238916	139.40	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	866234	74.44	ng		-0.02
79) Terphenyl-d14	20.09	244	1388399	73.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	46727	24.600	ng		98
3) Pyridine	3.93	79	144361	32.010	ng		95
4) n-Nitrosodimethylamine	3.86	42	65754	37.544	ng		84
6) Aniline	7.43	93	186490	27.752	ng		97
8) 2-Chlorophenol	7.67	128	177081	44.737	ng		99
9) Benzaldehyde	7.25	77	89649	25.365	ng		94
10) Phenol	7.28	94	236307	43.708	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	156851	35.511	ng		95
12) 1,3-Dichlorobenzene	8.00	146	168551	36.222	ng		96
13) 1,4-Dichlorobenzene	8.15	146	171950	36.499	ng		96
14) 1,2-Dichlorobenzene	8.47	146	164794	36.098	ng		98
15) Benzyl Alcohol	8.35	79	161785	40.291	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	283607	32.480	ng		96
17) 2-Methylphenol	8.54	107	162389	44.848	ng		98
18) Hexachloroethane	9.20	117	60021	37.327	ng		94
19) n-Nitroso-di-n-propylamine	8.92	70	133637	34.385	ng		96
20) 3+4-Methylphenols	8.87	107	225328	44.505	ng		98
22) Acetophenone	8.94	105	256482	39.577	ng	#	96
24) Nitrobenzene	9.33	77	189652	45.281	ng		94
25) Isophorone	9.85	82	385881	43.227	ng		95
26) 2-Nitrophenol	10.04	139	88811	54.734	ng		99
27) 2,4-Dimethylphenol	10.08	122	191386	51.293	ng		97
28) bis(2-Chloroethoxy)methane	10.33	93	233806	41.864	ng		96
29) 2,4-Dichlorophenol	10.57	162	192351	50.785	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	178853	38.805	ng		98
31) Naphthalene	10.99	128	534907	42.813	ng		98
32) Benzoic acid	10.20	122	110561	53.663	ng		91
33) 4-Chloroaniline	11.09	127	118606	20.236	ng		95
34) Hexachlorobutadiene	11.25	225	103522	36.169	ng		97
35) Caprolactam	11.88	113	74674	48.362	ng		91
36) 4-Chloro-3-methylphenol	12.19	107	213899	47.819	ng		97
37) 2-Methylnaphthalene	12.58	142	410154	44.983	ng		100
38) 1-Methylnaphthalene	12.80	142	393808	44.222	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	211223	37.324	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	244235	104.686	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	164337	50.057	ng		97
44) 2,4,5-Trichlorophenol	13.25	196	178045	50.405	ng		99
46) 1,1'-Biphenyl	13.58	154	543458	37.805	ng		99
47) 2-Chloronaphthalene	13.63	162	426383	39.267	ng		99
48) 2-Nitroaniline	13.83	65	141663	48.133	ng		95
49) Acenaphthylene	14.47	152	721591	43.441	ng		100
50) Dimethylphthalate	14.20	163	579486	42.195	ng		100
51) 2,6-Dinitrotoluene	14.33	165	127077	47.673	ng		96
52) Acenaphthene	14.81	154	416756	40.618	ng		97
53) 3-Nitroaniline	14.65	138	93867	32.668	ng	#	95
54) 2,4-Dinitrophenol	14.85	184	71113	103.483	ng		94
55) Dibenzofuran	15.14	168	677105	40.670	ng		99
56) 4-Nitrophenol	14.95	139	228303	101.931	ng		94
57) 2,4-Dinitrotoluene	15.11	165	177357	52.027	ng		96
58) Fluorene	15.79	166	549450	43.637	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	158927	50.819	ng		100
60) Diethylphthalate	15.55	149	593660	41.712	ng		100
61) 4-Chlorophenyl-phenylether	15.78	204	290686	39.496	ng		98
62) 4-Nitroaniline	15.82	138	144275	47.838	ng		94
63) Azobenzene	16.07	77	552015	40.453	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	70242	51.336	ng		97
66) n-Nitrosodiphenylamine	15.99	169	513705	40.384	ng		97
67) 4-Bromophenyl-phenylether	16.68	248	185313	39.640	ng		98
68) Hexachlorobenzene	16.78	284	188077	38.803	ng		98
69) Atrazine	16.94	200	200165	42.337	ng		99
70) Pentachlorophenol	17.13	266	219944	70.332	ng		93
71) Phenanthrene	17.53	178	934304	42.373	ng		99
72) Anthracene	17.63	178	937308	43.430	ng		97
73) Carbazole	17.90	167	880921	39.615	ng		98
74) Di-n-butylphthalate	18.44	149	1034477	43.404	ng		99
75) Fluoranthene	19.54	202	1099560	42.666	ng		99
77) Benzidine	19.72	184	358284	23.660	ng		100
78) Pyrene	19.90	202	1096326	42.497	ng		99
80) Butylbenzylphthalate	20.78	149	467340	46.561	ng		97
81) Benzo(a)anthracene	21.76	228	1023783	43.186	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	239907	26.234	ng		98
83) Chrysene	21.83	228	949861	42.003	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	652252	45.255	ng		97
85) Di-n-octyl phthalate	22.89	149	1099546	47.002	ng		97
86) Indeno(1,2,3-cd)pyrene	28.95	276	1114879	44.478	ng	#	97
88) Benzo(b)fluoranthene	24.05	252	1009306	44.847	ng		98
89) Benzo(k)fluoranthene	24.12	252	974525	43.883	ng		98
90) Benzo(a)pyrene	24.97	252	975100	45.184	ng		99
91) Dibenzo(a,h)anthracene	29.04	278	909979	44.069	ng		98
92) Benzo(g,h,i)perylene	30.17	276	926154	44.909	ng		98

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

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