Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101518\
Data File : BG037345.D
Acq On : 15 Oct 2018 22:35
Operator : JU/SJ
Sample : PB113837BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113837BSD

Quant Time: Oct 16 04:18:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 02:21:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61233	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	272621	20.00	ng		-0.01
39) Acenaphthene-d10	14.75	164	185706	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	464700	20.00	ng		-0.01
76) Chrysene-d12	21.78	240	427660	20.00	ng		-0.01
87) Perylene-d12	25.12	264	448649	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	260972	75.01	ng		0.00
7) Phenol-d6	7.25	99	369396	69.95	ng		0.00
23) Nitrobenzene-d5	9.29	82	291924	70.40	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	132676	72.85	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	757143	61.23	ng		-0.01
79) Terphenyl-d14	20.09	244	1145905	56.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	39893	20.415	ng		95
3) Pyridine	3.93	79	112524	24.253	ng		90
4) n-Nitrosodimethylamine	3.86	42	50135	27.826	ng	#	92
6) Aniline	7.44	93	135147	19.549	ng		97
8) 2-Chlorophenol	7.67	128	131819	32.371	ng		96
9) Benzaldehyde	7.25	77	59092	16.252	ng		96
10) Phenol	7.28	94	178055	32.013	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	119635	26.328	ng		93
12) 1,3-Dichlorobenzene	8.00	146	129784	27.111	ng		99
13) 1,4-Dichlorobenzene	8.15	146	131449	27.122	ng		98
14) 1,2-Dichlorobenzene	8.47	146	126399	26.914	ng		99
15) Benzyl Alcohol	8.35	79	116847	28.286	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	214717	23.903	ng		96
17) 2-Methylphenol	8.55	107	118763	31.882	ng		98
18) Hexachloroethane	9.20	117	45586	27.558	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	98334	24.594	ng		95
20) 3+4-Methylphenols	8.87	107	165252	31.727	ng		94
22) Acetophenone	8.95	105	191337	27.842	ng	#	97
24) Nitrobenzene	9.33	77	136888	30.821	ng		92
25) Isophorone	9.85	82	281023	29.687	ng		96
26) 2-Nitrophenol	10.04	139	54965	36.121	ng		99
27) 2,4-Dimethylphenol	10.09	122	141572	35.780	ng		98
28) bis(2-Chloroethoxy)methane	10.33	93	173311	29.263	ng		99
29) 2,4-Dichlorophenol	10.57	162	138563	34.499	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	132559	27.122	ng		96
31) Naphthalene	10.99	128	397017	29.965	ng		99
32) Benzoic acid	10.19	122	77011	35.249	ng		96
33) 4-Chloroaniline	11.10	127	98269	15.811	ng		97
34) Hexachlorobutadiene	11.25	225	76592	25.235	ng		97
35) Caprolactam	11.87	113	55735	34.039	ng		95
36) 4-Chloro-3-methylphenol	12.19	107	152961	32.247	ng		99
37) 2-Methylnaphthalene	12.58	142	303336	31.372	ng		98
38) 1-Methylnaphthalene	12.81	142	288878	30.590	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	155334	25.829	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	172922	69.748	ng		100
43) 2,4,6-Trichlorophenol	13.18	196	116799	33.479	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	129840	34.590	ng		98
46) 1,1'-Biphenyl	13.59	154	404720	26.493	ng		99
47) 2-Chloronaphthalene	13.63	162	313807	27.195	ng		99
48) 2-Nitroaniline	13.83	65	94614	32.389	ng		97
49) Acenaphthylene	14.47	152	531514	30.111	ng		100
50) Dimethylphthalate	14.20	163	429912	29.458	ng		99
51) 2,6-Dinitrotoluene	14.32	165	88128	32.783	ng		97
52) Acenaphthene	14.81	154	305081	27.980	ng		99
53) 3-Nitroaniline	14.66	138	69225	22.671	ng	#	99
54) 2,4-Dinitrophenol	14.86	184	42707	58.481	ng		96
55) Dibenzofuran	15.14	168	499456	28.230	ng		99
56) 4-Nitrophenol	14.94	139	167281	70.281	ng		99
57) 2,4-Dinitrotoluene	15.10	165	121735	35.492	ng		100
58) Fluorene	15.79	166	408343	30.518	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	116934	35.186	ng		99
60) Diethylphthalate	15.56	149	446172	29.500	ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	210961	26.973	ng		98
62) 4-Nitroaniline	15.82	138	105054	32.779	ng		91
63) Azobenzene	16.08	77	402716	27.772	ng		97
65) 4,6-Dinitro-2-methylphenol	15.86	198	46581	34.003	ng		99
66) n-Nitrosodiphenylamine	16.00	169	380529	27.884	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	135139	26.946	ng		97
68) Hexachlorobenzene	16.79	284	141151	27.145	ng		94
69) Atrazine	16.94	200	150238	29.620	ng		97
70) Pentachlorophenol	17.13	266	166194	49.538	ng		97
71) Phenanthrene	17.54	178	701371	29.650	ng		99
72) Anthracene	17.63	178	717807	31.002	ng		99
73) Carbazole	17.90	167	670109	28.090	ng		100
74) Di-n-butylphthalate	18.44	149	781117	30.549	ng		99
75) Fluoranthene	19.54	202	857640	31.021	ng		98
77) Benzidine	19.72	184	299484	18.305	ng		98
78) Pyrene	19.90	202	856184	30.718	ng		100
80) Butylbenzylphthalate	20.78	149	352957	32.548	ng		98
81) Benzo(a)anthracene	21.76	228	793539	30.982	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	174169	17.628	ng		99
83) Chrysene	21.83	228	734022	30.043	ng		100
84) Bis(2-ethylhexyl)phthalate	21.64	149	491162	31.542	ng		99
85) Di-n-octyl phthalate	22.90	149	826077	32.684	ng		97
86) Indeno(1,2,3-cd)pyrene	28.96	276	840052	31.020	ng	#	97
88) Benzo(b)fluoranthene	24.05	252	769644	31.553	ng		98
89) Benzo(k)fluoranthene	24.13	252	742810	30.861	ng		99
90) Benzo(a)pyrene	24.97	252	741420	31.699	ng		99
91) Dibenzo(a,h)anthracene	29.03	278	692783	30.956	ng		98
92) Benzo(g,h,i)perylene	30.17	276	699703	31.304	ng		99

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

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