Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037383.D
Acq On : 17 Oct 2018 9:32
Operator : JU/SJ
Sample : PB113496BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113496BSD

Manual Integrations APPROVED
Sohil
10/17/2018 4:32:42 PM

Quant Time: Oct 17 11:22:17 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	53450	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	266059	20.00	ng		-0.02
39) Acenaphthene-d10	14.75	164	179162	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	444940	20.00	ng		-0.02
76) Chrysene-d12	21.78	240	415733	20.00	ng		-0.02
87) Perylene-d12	25.12	264	439014	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	509405	167.73	ng		0.00
7) Phenol-d6	7.26	99	705235	152.99	ng		0.00
23) Nitrobenzene-d5	9.29	82	395351	97.69	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	257851	146.75	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	981680	82.29	ng		-0.02
79) Terphenyl-d14	20.09	244	1557485	78.66	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	50869	29.822	ng		96
3) Pyridine	3.93	79	144968	35.796	ng		92
4) n-Nitrosodimethylamine	3.85	42	68236	43.387	ng	#	93
6) Aniline	7.43	93	219698	36.407	ng		96
8) 2-Chlorophenol	7.67	128	181743	51.130	ng		98
9) Benzaldehyde	7.25	77	54309	17.112	ng		94
10) Phenol	7.28	94	249780	51.447	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	166404	41.953	ng		95
12) 1,3-Dichlorobenzene	8.00	146	168307	40.278	ng		96
13) 1,4-Dichlorobenzene	8.15	146	171821	40.614	ng		96
14) 1,2-Dichlorobenzene	8.47	146	168159	41.019	ng		97
15) Benzyl Alcohol	8.35	79	164417	45.597	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	307458	39.211	ng		97
17) 2-Methylphenol	8.54	107	167175	51.413	ng		98
18) Hexachloroethane	9.20	117	61727	42.749	ng		98
19) n-Nitroso-di-n-propylamine	8.92	70	141559	40.560	ng		96
20) 3+4-Methylphenols	8.87	107	235763	51.856	ng		99
22) Acetophenone	8.94	105	266619	39.753	ng	#	97
24) Nitrobenzene	9.33	77	203135	46.865	ng		95
25) Isophorone	9.85	82	407775	44.139	ng		96
26) 2-Nitrophenol	10.04	139	90355	54.033	ng		97
27) 2,4-Dimethylphenol	10.08	122	196553	50.901	ng		96
28) bis(2-Chloroethoxy)methane	10.33	93	245623	42.496	ng		96
29) 2,4-Dichlorophenol	10.57	162	199306	50.846	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	186354	39.069	ng		99
31) Naphthalene	10.99	128	562507	43.503	ng		99
32) Benzoic acid	10.16	122	50743m	23.798	ng		
33) 4-Chloroaniline	11.09	127	165065	27.213	ng		96
34) Hexachlorobutadiene	11.25	225	107330	36.235	ng		96
35) Caprolactam	11.88	113	74555m	46.656	ng		
36) 4-Chloro-3-methylphenol	12.19	107	218015	47.095	ng		96
37) 2-Methylnaphthalene	12.58	142	428674	45.428	ng		99
38) 1-Methylnaphthalene	12.80	142	411537	44.654	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	215107	37.075	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	253770	106.096	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	163866	48.685	ng		97
44) 2,4,5-Trichlorophenol	13.25	196	179468	49.557	ng		96
46) 1,1'-Biphenyl	13.58	154	558079	37.866	ng		99
47) 2-Chloronaphthalene	13.63	162	440529	39.572	ng		98
48) 2-Nitroaniline	13.83	65	145815	48.302	ng		97
49) Acenaphthylene	14.47	152	733234	43.056	ng		99
50) Dimethylphthalate	14.20	163	589213	41.848	ng		100
51) 2,6-Dinitrotoluene	14.32	165	129512	47.419	ng		94
52) Acenaphthene	14.81	154	436746	41.519	ng		99
53) 3-Nitroaniline	14.65	138	115532	39.218	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	21274	30.196	ng		98
55) Dibenzofuran	15.14	168	698104	40.900	ng		99
56) 4-Nitrophenol	14.94	139	206026	89.721	ng		97
57) 2,4-Dinitrotoluene	15.11	165	179842	51.516	ng		98
58) Fluorene	15.79	166	564640	43.740	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	159152	49.638	ng		99
60) Diethylphthalate	15.55	149	605864	41.521	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	294568	39.038	ng		98
62) 4-Nitroaniline	15.82	138	149710	48.418	ng		94
63) Azobenzene	16.07	77	575887	41.164	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	31938	26.038	ng		96
66) n-Nitrosodiphenylamine	15.99	169	523415	40.058	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	188428	39.239	ng		99
68) Hexachlorobenzene	16.78	284	191726	38.508	ng		98
69) Atrazine	16.94	200	203027	41.806	ng		99
70) Pentachlorophenol	17.13	266	155712	48.475	ng		96
71) Phenanthrene	17.53	178	953594	42.103	ng		100
72) Anthracene	17.63	178	973798	43.926	ng		98
73) Carbazole	17.90	167	897781	39.305	ng		99
74) Di-n-butylphthalate	18.44	149	1061098	43.342	ng		100
75) Fluoranthene	19.54	202	1136680	42.939	ng		97
77) Benzidine	19.72	184	521264	32.775	ng		100
78) Pyrene	19.90	202	1133124	41.820	ng		99
80) Butylbenzylphthalate	20.78	149	485388	46.044	ng		97
81) Benzo(a)anthracene	21.76	228	1078918	43.333	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	287554	29.939	ng		99
83) Chrysene	21.83	228	988114	41.603	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	677215	44.737	ng		98
85) Di-n-octyl phthalate	22.89	149	1149661	46.792	ng		98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1191212	45.249	ng		99
88) Benzo(b)fluoranthene	24.05	252	1068274	44.757	ng		99
89) Benzo(k)fluoranthene	24.13	252	1033411	43.877	ng		97
90) Benzo(a)pyrene	24.96	252	1039692	45.427	ng		100
91) Dibenzo(a,h)anthracene	29.03	278	959619	43.820	ng		96
92) Benzo(g,h,i)perylene	30.16	276	982070	44.902	ng		98

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

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