Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036096.D
Acq On : 3 Aug 2018 16:17
Operator : JU/SJ
Sample : PB111737BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111737BS

Manual Integrations APPROVED
Sohil
8/6/2018 9:57:40 AM

Quant Time: Aug 03 18:53:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	25219	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	93821	20.00	ng		-0.01
38) Acenaphthene-d10	14.64	164	67388	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	197732	20.00	ng		0.00
75) Chrysene-d12	21.65	240	240106	20.00	ng		0.00
86) Perylene-d12	24.85	264	222333	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	197953	130.32	ng		0.00
7) Phenol-d6	7.19	99	279874	123.49	ng		0.00
23) Nitrobenzene-d5	9.18	82	185445	82.57	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	137535	154.84	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	440594	87.59	ng		0.00
78) Terphenyl-d14	19.99	244	972758	89.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	26209	33.900	ng	#	75
3) Pyridine	3.90	79	71298	35.326	ng	#	75
4) n-Nitrosodimethylamine	3.82	42	30638	35.354	ng	#	86
6) Aniline	7.35	93	87482	29.781	ng		97
8) 2-Chlorophenol	7.59	128	68422	44.289	ng		90
9) Benzaldehyde	7.16	77	40442	29.083	ng		93
10) Phenol	7.22	94	97072	42.396	ng		92
11) bis(2-Chloroethyl)ether	7.44	93	67466	37.624	ng		88
12) 1,3-Dichlorobenzene	7.91	146	77816	41.710	ng		91
13) 1,4-Dichlorobenzene	8.05	146	79354	41.863	ng		98
14) 1,2-Dichlorobenzene	8.38	146	75113	41.248	ng		96
15) Benzyl Alcohol	8.26	79	72702	35.326	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	72290	48.087	ng		71
17) 2-Methylphenol	8.47	107	63193	40.593	ng	#	89
18) Hexachloroethane	9.10	117	28779	39.708	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	61567	32.260	ng	#	83
20) 3+4-Methylphenols	8.79	107	84723	39.230	ng		92
22) Acetophenone	8.85	105	112999	38.731	ng	#	93
24) Nitrobenzene	9.23	77	94239	41.723	ng		93
25) Isophorone	9.74	82	172578	41.394	ng		96
26) 2-Nitrophenol	9.93	139	37720	47.023	ng	#	89
27) 2,4-Dimethylphenol	10.00	122	67643	49.816	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	92432	40.235	ng		97
29) 2,4-Dichlorophenol	10.48	162	76064	49.074	ng		92
30) 1,2,4-Trichlorobenzene	10.68	180	85296	44.877	ng		99
31) Naphthalene	10.87	128	205432	42.034	ng		98
32) Benzoic acid	10.17	122	19525m	21.360	ng		
33) 4-Chloroaniline	10.99	127	59191	27.788	ng		96
34) Hexachlorobutadiene	11.15	225	66482	44.857	ng		99
35) Caprolactam	11.76	113	26065m	39.186	ng		
36) 4-Chloro-3-methylphenol	12.11	107	87482	42.107	ng		95
37) 2-Methylnaphthalene	12.48	142	160384	44.049	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	112162	44.098	ng		98
40) Hexachlorocyclopentadiene	12.82	237	131394	98.504	ng		94

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	67654	45.484	ng		96
43) 2,4,5-Trichlorophenol	13.16	196	71562	43.007	ng		98
45) 1,1'-Biphenyl	13.48	154	216094	41.361	ng		96
46) 2-Chloronaphthalene	13.53	162	175773	43.253	ng		97
47) 2-Nitroaniline	13.73	65	62247	43.326	ng		94
48) Acenaphthylene	14.37	152	292780	43.009	ng		96
49) Dimethylphthalate	14.10	163	243451	41.234	ng	#	97
50) 2,6-Dinitrotoluene	14.22	165	56143	46.696	ng		95
51) Acenaphthene	14.71	154	171413	40.422	ng		97
52) 3-Nitroaniline	14.56	138	42568	34.641	ng	#	92
53) 2,4-Dinitrophenol	14.77	184	32574	54.933	ng	#	61
54) Dibenzofuran	15.04	168	291743	43.258	ng		94
55) 4-Nitrophenol	14.87	139	67895	77.582	ng	#	81
56) 2,4-Dinitrotoluene	15.01	165	85184	49.385	ng	#	85
57) Fluorene	15.69	166	247254	43.742	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	75948	47.604	ng	#	95
59) Diethylphthalate	15.45	149	250298	41.228	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	143337	43.144	ng		97
61) 4-Nitroaniline	15.72	138	59173	46.034	ng	#	82
62) Azobenzene	15.98	77	252676	42.194	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	42966	39.035	ng		83
65) n-Nitrosodiphenylamine	15.89	169	223519	39.714	ng		93
66) 4-Bromophenyl-phenylether	16.58	248	97858	42.658	ng		97
67) Hexachlorobenzene	16.70	284	101909	43.138	ng		94
68) Atrazine	16.85	200	103794	44.791	ng		98
69) Pentachlorophenol	17.05	266	80722	56.099	ng		96
70) Phenanthrene	17.43	178	425883	43.165	ng		98
71) Anthracene	17.52	178	434693	44.247	ng		98
72) Carbazole	17.79	167	404084	43.310	ng		98
73) Di-n-butylphthalate	18.34	149	463069	42.000	ng	#	98
74) Fluoranthene	19.44	202	602144	45.308	ng		98
76) Benzidine	19.62	184	237615	37.642	ng		99
77) Pyrene	19.80	202	596832	39.311	ng		98
79) Butylbenzylphthalate	20.68	149	227613	41.924	ng		96
80) Benzo(a)anthracene	21.63	228	624923	41.765	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	169452	32.479	ng	#	91
82) Chrysene	21.70	228	590720	42.603	ng		99
83) Bis(2-ethylhexyl)phthalate	21.53	149	319175	43.243	ng		98
84) Di-n-octyl phthalate	22.73	149	527458	42.680	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.48	276	628181	40.921	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	585640	43.338	ng	#	97
88) Benzo(k)fluoranthene	23.90	252	579544	43.868	ng	#	96
89) Benzo(a)pyrene	24.70	252	573745	45.638	ng	#	97
90) Dibenzo(a,h)anthracene	28.54	278	524111	42.465	ng	#	96
91) Benzo(g,h,i)perylene	29.62	276	493114	40.829	ng	#	93

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

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