Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
Data File : BG037272.D
Acq On : 12 Oct 2018 00:32
Operator : JU/SJ
Sample : PB113698BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113698BSD

Manual Integrations APPROVED
Sohil
10/12/2018 8:53:22 AM

Quant Time: Oct 12 07:28:08 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	8.12	152	53957	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	243296	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	164627	20.00	ng		0.00
64) Phenanthrene-d10	17.51	188	411539	20.00	ng		0.00
76) Chrysene-d12	21.79	240	388655	20.00	ng		0.00
87) Perylene-d12	25.15	264	408259	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	332957	108.60	ng		0.00
7) Phenol-d6	7.26	99	476164	102.32	ng		0.00
23) Nitrobenzene-d5	9.30	82	246954	66.73	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	162989	100.95	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	653185	59.59	ng		0.00
79) Terphenyl-d14	20.10	244	1078075	58.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	37664	21.873	ng		96
3) Pyridine	3.94	79	113984	27.881	ng		97
4) n-Nitrosodimethylamine	3.86	42	53603	33.762	ng		88
6) Aniline	7.44	93	125955	20.676	ng		95
8) 2-Chlorophenol	7.68	128	130933	36.490	ng		98
9) Benzaldehyde	7.26	77	70840	22.110	ng		97
10) Phenol	7.29	94	181825	37.099	ng		99
11) bis(2-Chloroethyl)ether	7.54	93	122527	30.601	ng		96
12) 1,3-Dichlorobenzene	8.01	146	130185	30.862	ng		97
13) 1,4-Dichlorobenzene	8.16	146	132006	30.909	ng		97
14) 1,2-Dichlorobenzene	8.48	146	125846	30.409	ng		99
15) Benzyl Alcohol	8.36	79	120482	33.099	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	235059	29.696	ng		98
17) 2-Methylphenol	8.55	107	123674	37.678	ng		98
18) Hexachloroethane	9.21	117	44559	30.569	ng		95
19) n-Nitroso-di-n-propylamine	8.93	70	105584	29.968	ng		98
20) 3+4-Methylphenols	8.88	107	168408	36.693	ng		97
22) Acetophenone	8.95	105	198776	32.411	ng	#	98
24) Nitrobenzene	9.34	77	143784	36.276	ng		98
25) Isophorone	9.86	82	304493	36.043	ng		98
26) 2-Nitrophenol	10.06	139	46947	34.894	ng		97
27) 2,4-Dimethylphenol	10.09	122	145309	41.151	ng		99
28) bis(2-Chloroethoxy)methane	10.34	93	182501	34.529	ng		95
29) 2,4-Dichlorophenol	10.58	162	140934	39.319	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	136226	31.232	ng		100
31) Naphthalene	11.00	128	407618	34.474	ng		99
32) Benzoic acid	10.20	122	69461	35.625	ng		99
33) 4-Chloroaniline	11.10	127	62914	11.343	ng		99
34) Hexachlorobutadiene	11.26	225	81998	30.273	ng		95
35) Caprolactam	11.88	113	56192m	38.454	ng		
36) 4-Chloro-3-methylphenol	12.20	107	159226	37.613	ng		98
37) 2-Methylnaphthalene	12.59	142	313460	36.327	ng		98
38) 1-Methylnaphthalene	12.81	142	299542	35.543	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	162558	30.491	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	167763	76.331 ng		97
43) 2,4,6-Trichlorophenol	13.19	196	117478	37.985 ng		99
44) 2,4,5-Trichlorophenol	13.26	196	130532	39.227 ng		98
46) 1,1'-Biphenyl	13.59	154	417412	30.823 ng		98
47) 2-Chloronaphthalene	13.64	162	326424	31.911 ng		98
48) 2-Nitroaniline	13.85	65	92759	35.210 ng		91
49) Acenaphthylene	14.49	152	553823	35.392 ng		98
50) Dimethylphthalate	14.20	163	454222	35.109 ng		99
51) 2,6-Dinitrotoluene	14.33	165	86634	35.829 ng		97
52) Acenaphthene	14.82	154	322025	33.316 ng		99
53) 3-Nitroaniline	14.66	138	47337	17.488 ng	#	92
54) 2,4-Dinitrophenol	14.86	184	32849	50.742 ng		97
55) Dibenzofuran	15.15	168	510305	32.537 ng		99
56) 4-Nitrophenol	14.95	139	164253	77.845 ng		96
57) 2,4-Dinitrotoluene	15.11	165	115229	37.536 ng		98
58) Fluorene	15.80	166	418142	35.251 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.37	232	113106	38.391 ng		97
60) Diethylphthalate	15.56	149	468314	34.928 ng		99
61) 4-Chlorophenyl-phenylether	15.79	204	219651	31.680 ng		98
62) 4-Nitroaniline	15.83	138	97573	34.343 ng		99
63) Azobenzene	16.08	77	428360	33.322 ng		99
65) 4,6-Dinitro-2-methylphenol	15.87	198	30666	26.803 ng		95
66) n-Nitrosodiphenylamine	16.01	169	390894	32.344 ng		98
67) 4-Bromophenyl-phenylether	16.69	248	139967	31.513 ng		98
68) Hexachlorobenzene	16.79	284	143425	31.145 ng		99
69) Atrazine	16.95	200	152505	33.951 ng		98
70) Pentachlorophenol	17.14	266	168170	56.602 ng		95
71) Phenanthrene	17.55	178	720477	34.392 ng		99
72) Anthracene	17.64	178	734264	35.809 ng		99
73) Carbazole	17.91	167	686523	32.495 ng		99
74) Di-n-butylphthalate	18.45	149	810455	35.791 ng		99
75) Fluoranthene	19.55	202	866586	35.393 ng		99
77) Benzidine	19.73	184	258450	17.383 ng		99
78) Pyrene	19.91	202	865285	34.160 ng		99
80) Butylbenzylphthalate	20.79	149	348516	35.364 ng		97
81) Benzo(a)anthracene	21.77	228	823514	35.379 ng		100
82) 3,3'-Dichlorobenzidine	21.68	252	141167	15.722 ng		97
83) Chrysene	21.84	228	754692	33.989 ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	497516	35.156 ng		98
85) Di-n-octyl phthalate	22.92	149	835518	36.375 ng		98
86) Indeno(1,2,3-cd)pyrene	28.99	276	895519	36.387 ng		98
88) Benzo(b)fluoranthene	24.07	252	814282	36.686 ng		99
89) Benzo(k)fluoranthene	24.15	252	757959	34.606 ng		97
90) Benzo(a)pyrene	24.99	252	772530	36.296 ng		99
91) Dibenzo(a,h)anthracene	29.07	278	733339	36.010 ng		96
92) Benzo(g,h,i)perylene	30.21	276	743171	36.538 ng		99

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

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