Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037697.D
Acq On : 31 Oct 2018 23:31
Operator : JU/SJ
Sample : PB114346BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114346BS

Quant Time: Nov 01 07:04:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	48567	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	222860	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	153795	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	369194	20.00	ng		0.00
76) Chrysene-d12	21.77	240	330368	20.00	ng		0.00
87) Perylene-d12	25.10	264	341324	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	327945	112.89	ng		0.00
7) Phenol-d6	7.24	99	479589	109.18	ng		0.00
23) Nitrobenzene-d5	9.28	82	268420	67.47	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	172539	102.86	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	666015	65.30	ng		-0.01
79) Terphenyl-d14	20.08	244	1034299	66.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	35393	24.025	ng		97
3) Pyridine	3.93	79	104229	28.071	ng		93
4) n-Nitrosodimethylamine	3.85	42	46010	34.789	ng	#	88
6) Aniline	7.42	93	68962	12.869	ng		97
8) 2-Chlorophenol	7.66	128	126818	37.317	ng		96
9) Benzaldehyde	7.24	77	92038	33.495	ng		98
10) Phenol	7.27	94	174609	37.674	ng		100
11) bis(2-Chloroethyl)ether	7.52	93	115022	32.676	ng		95
12) 1,3-Dichlorobenzene	7.98	146	119966	31.709	ng		98
13) 1,4-Dichlorobenzene	8.14	146	120881	31.236	ng		98
14) 1,2-Dichlorobenzene	8.45	146	117490	31.560	ng		99
15) Benzyl Alcohol	8.34	79	111797	34.444	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	209327	33.235	ng		99
17) 2-Methylphenol	8.54	107	118229	38.585	ng		98
18) Hexachloroethane	9.18	117	42881	32.502	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	94313	31.179	ng		97
20) 3+4-Methylphenols	8.86	107	162938	37.193	ng		97
22) Acetophenone	8.93	105	182011	32.565	ng	#	99
24) Nitrobenzene	9.32	77	142958	34.591	ng		95
25) Isophorone	9.83	82	270562	37.221	ng		97
26) 2-Nitrophenol	10.03	139	69810	37.496	ng		97
27) 2,4-Dimethylphenol	10.07	122	138052	41.529	ng		95
28) bis(2-Chloroethoxy)methane	10.32	93	169689	35.630	ng		98
29) 2,4-Dichlorophenol	10.56	162	140967	38.087	ng		99
30) 1,2,4-Trichlorobenzene	10.77	180	129564	32.190	ng		97
31) Naphthalene	10.97	128	393835	35.979	ng		98
32) Benzoic acid	10.17	122	61756	28.602	ng		93
33) 4-Chloroaniline	11.09	127	53276	10.358	ng		93
34) Hexachlorobutadiene	11.23	225	72165	30.251	ng		100
35) Caprolactam	11.87	113	52604	35.437	ng		94
36) 4-Chloro-3-methylphenol	12.18	107	156858	37.579	ng		99
37) 2-Methylnaphthalene	12.57	142	301312	37.761	ng		98
38) 1-Methylnaphthalene	12.79	142	288790	37.267	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	153768	30.997	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	173336	73.150	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	120640	36.401	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	131221	36.366	ng		97
46) 1,1'-Biphenyl	13.57	154	404518	31.760	ng		99
47) 2-Chloronaphthalene	13.62	162	318837	33.088	ng		99
48) 2-Nitroaniline	13.82	65	107315	36.725	ng		96
49) Acenaphthylene	14.46	152	534113	36.848	ng		99
50) Dimethylphthalate	14.18	163	425480	35.761	ng		99
51) 2,6-Dinitrotoluene	14.31	165	96212	36.554	ng		96
52) Acenaphthene	14.80	154	307961	34.497	ng		97
53) 3-Nitroaniline	14.65	138	58876	20.150	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	26390	36.523	ng		96
55) Dibenzofuran	15.13	168	504185	34.088	ng		100
56) 4-Nitrophenol	14.94	139	197082	91.123	ng		97
57) 2,4-Dinitrotoluene	15.10	165	133292	38.579	ng		96
58) Fluorene	15.78	166	409450	36.967	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	112422	36.388	ng		98
60) Diethylphthalate	15.54	149	436390	35.726	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	213683	33.099	ng		97
62) 4-Nitroaniline	15.81	138	101880	35.090	ng		92
63) Azobenzene	16.06	77	413749	35.501	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	38510	24.862	ng		97
66) n-Nitrosodiphenylamine	15.99	169	382365	34.430	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	132614	32.709	ng		97
68) Hexachlorobenzene	16.77	284	134791	32.078	ng		99
69) Atrazine	16.93	200	138406	34.471	ng		99
70) Pentachlorophenol	17.12	266	124780	44.333	ng		95
71) Phenanthrene	17.52	178	684513	36.481	ng		99
72) Anthracene	17.61	178	689460	37.442	ng		99
73) Carbazole	17.89	167	628459	34.120	ng		99
74) Di-n-butylphthalate	18.42	149	749000	36.555	ng		99
75) Fluoranthene	19.53	202	784379	36.857	ng		99
77) Benzidine	19.71	184	165125	14.700	ng		99
78) Pyrene	19.89	202	789763	36.569	ng		100
80) Butylbenzylphthalate	20.76	149	333233	37.702	ng		98
81) Benzo(a)anthracene	21.74	228	732710	37.496	ng		100
82) 3,3'-Dichlorobenzidine	21.66	252	128493	16.965	ng		99
83) Chrysene	21.81	228	689661	36.704	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	471184	38.032	ng		99
85) Di-n-octyl phthalate	22.87	149	798444	39.522	ng		97
86) Indeno(1,2,3-cd)pyrene	28.91	276	621662	30.846	ng	#	79
88) Benzo(b)fluoranthene	24.03	252	691905	36.975	ng		98
89) Benzo(k)fluoranthene	24.10	252	703081	38.350	ng		98
90) Benzo(a)pyrene	24.94	252	667032	37.513	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	440097	26.832	ng		97
92) Benzo(g,h,i)perylene	30.12	276	526926	31.754	ng		99

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

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