Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
Data File : BG037799.D
Acq On : 5 Nov 2018 12:35
Operator : JU/SJ
Sample : PB114322BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114322BS

Quant Time: Nov 05 13:51:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 05 13:45:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47969	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	220010	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	143663	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	331352	20.00	ng		0.00
76) Chrysene-d12	21.76	240	302560	20.00	ng		0.00
87) Perylene-d12	25.09	264	300864	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	476643	166.12	ng		0.00
7) Phenol-d6	7.24	99	680574	156.86	ng		0.00
23) Nitrobenzene-d5	9.27	82	310413	79.04	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	247298	157.82	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	777198	81.58	ng		0.00
79) Terphenyl-d14	20.07	244	1110056	78.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	64583	44.385	ng		94
3) Pyridine	3.92	79	129691	35.363	ng		94
4) n-Nitrosodimethylamine	3.85	42	54402	41.647	ng		95
6) Aniline	7.42	93	169386	32.003	ng		97
8) 2-Chlorophenol	7.65	128	148382	44.207	ng		98
9) Benzaldehyde	7.24	77	101753	37.492	ng		93
10) Phenol	7.27	94	196561	42.939	ng		99
11) bis(2-Chloroethyl)ether	7.51	93	134655	38.730	ng		95
12) 1,3-Dichlorobenzene	7.98	146	149953	40.129	ng		94
13) 1,4-Dichlorobenzene	8.13	146	154391	40.392	ng		98
14) 1,2-Dichlorobenzene	8.45	146	149380	40.627	ng		98
15) Benzyl Alcohol	8.33	79	128768	40.167	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	242617	39.000	ng		98
17) 2-Methylphenol	8.53	107	134894	44.573	ng		97
18) Hexachloroethane	9.18	117	53779	41.270	ng		91
19) n-Nitroso-di-n-propylamine	8.90	70	112099	37.521	ng		94
20) 3+4-Methylphenols	8.86	107	185395	42.847	ng		98
22) Acetophenone	8.93	105	219384	39.760	ng	#	96
24) Nitrobenzene	9.32	77	163354	40.038	ng		95
25) Isophorone	9.83	82	315768	44.003	ng		97
26) 2-Nitrophenol	10.03	139	80690	43.901	ng		92
27) 2,4-Dimethylphenol	10.07	122	158447	48.282	ng		97
28) bis(2-Chloroethoxy)methane	10.31	93	196207	41.732	ng		97
29) 2,4-Dichlorophenol	10.55	162	159371	43.617	ng		99
30) 1,2,4-Trichlorobenzene	10.77	180	162952	41.010	ng		99
31) Naphthalene	10.97	128	480540	44.468	ng		100
32) Benzoic acid	10.18	122	64495	30.258	ng		94
33) 4-Chloroaniline	11.08	127	138207	27.220	ng		97
34) Hexachlorobutadiene	11.23	225	97711	41.491	ng		99
35) Caprolactam	11.86	113	56114	38.292	ng		98
36) 4-Chloro-3-methylphenol	12.18	107	172741	41.920	ng		98
37) 2-Methylnaphthalene	12.56	142	366277	46.497	ng		98
38) 1-Methylnaphthalene	12.78	142	348523	45.558	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	193883	41.840	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	229976	103.897	ng		98
43) 2,4,6-Trichlorophenol	13.16	196	133140	43.006	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	143616	42.608	ng		97
46) 1,1'-Biphenyl	13.56	154	475206	39.941	ng		98
47) 2-Chloronaphthalene	13.61	162	375819	41.752	ng		98
48) 2-Nitroaniline	13.82	65	112939	41.375	ng		91
49) Acenaphthylene	14.46	152	617442	45.601	ng		99
50) Dimethylphthalate	14.18	163	465762	41.908	ng		99
51) 2,6-Dinitrotoluene	14.31	165	104631	42.556	ng		92
52) Acenaphthene	14.80	154	353448	42.385	ng		99
53) 3-Nitroaniline	14.64	138	94031	34.451	ng	#	90
54) 2,4-Dinitrophenol	14.84	184	58704	62.829	ng		98
55) Dibenzofuran	15.13	168	581174	42.065	ng		100
56) 4-Nitrophenol	14.94	139	212610	105.235	ng		94
57) 2,4-Dinitrotoluene	15.09	165	144818	44.872	ng		97
58) Fluorene	15.78	166	464198	44.866	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	126280	43.757	ng		98
60) Diethylphthalate	15.53	149	475610	41.683	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	243188	40.326	ng		97
62) 4-Nitroaniline	15.81	138	112056	41.316	ng		89
63) Azobenzene	16.05	77	447124	41.071	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	61864	37.780	ng		98
66) n-Nitrosodiphenylamine	15.98	169	423194	42.459	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	149232	41.011	ng		97
68) Hexachlorobenzene	16.77	284	152675	40.484	ng		96
69) Atrazine	16.92	200	150749	41.832	ng		98
70) Pentachlorophenol	17.12	266	156875	62.101	ng		96
71) Phenanthrene	17.52	178	745496	44.268	ng		100
72) Anthracene	17.61	178	761371	46.070	ng		99
73) Carbazole	17.88	167	674240	40.786	ng		99
74) Di-n-butylphthalate	18.42	149	792273	43.082	ng		99
75) Fluoranthene	19.52	202	854530	44.739	ng		99
77) Benzidine	19.71	184	363167	35.301	ng		99
78) Pyrene	19.89	202	856104	43.284	ng		99
80) Butylbenzylphthalate	20.75	149	357295	44.140	ng		97
81) Benzo(a)anthracene	21.74	228	803829	44.916	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	221725	31.964	ng		98
83) Chrysene	21.81	228	754712	43.857	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	504465	44.460	ng		97
85) Di-n-octyl phthalate	22.85	149	845024	45.672	ng		97
86) Indeno(1,2,3-cd)pyrene	28.90	276	708766	38.401	ng		97
88) Benzo(b)fluoranthene	24.02	252	762584	46.233	ng		99
89) Benzo(k)fluoranthene	24.09	252	771350	47.732	ng		99
90) Benzo(a)pyrene	24.93	252	729895	46.569	ng		98
91) Dibenzo(a,h)anthracene	28.97	278	557263	38.544	ng		97
92) Benzo(g,h,i)perylene	30.10	276	586588	40.103	ng		97

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

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