Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038782.D
Acq On : 21 Dec 2018 11:26
Operator : JU/SJ
Sample : PB115836BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115836BS

Quant Time: Dec 21 12:19:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22877	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	95934	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	65932	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	172561	20.00	ng		0.00
76) Chrysene-d12	21.73	240	168681	20.00	ng		0.00
87) Perylene-d12	25.02	264	182946	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	162700	126.14	ng		0.00
7) Phenol-d6	7.21	99	219460	123.94	ng		0.00
23) Nitrobenzene-d5	9.24	82	116638	62.11	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	120602	132.72	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	305181	63.50	ng		0.00
79) Terphenyl-d14	20.05	244	644564	83.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	21217	35.344	ng		98
3) Pyridine	3.89	79	53413	32.317	ng		97
4) n-Nitrosodimethylamine	3.82	42	32830	40.540	ng		87
6) Aniline	7.38	93	73336	32.444	ng		98
8) 2-Chlorophenol	7.62	128	68800	46.093	ng		99
9) Benzaldehyde	7.20	77	20816	18.122	ng		98
10) Phenol	7.24	94	87817	46.682	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	55990	37.384	ng		94
12) 1,3-Dichlorobenzene	7.94	146	72479	41.068	ng		96
13) 1,4-Dichlorobenzene	8.10	146	72925	40.346	ng		93
14) 1,2-Dichlorobenzene	8.41	146	70605	41.435	ng		96
15) Benzyl Alcohol	8.30	79	61478	44.482	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	121132	35.306	ng		96
17) 2-Methylphenol	8.50	107	58983	46.799	ng		95
18) Hexachloroethane	9.14	117	25774	39.023	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	49108	39.488	ng		99
20) 3+4-Methylphenols	8.83	107	81738	46.959	ng		97
22) Acetophenone	8.89	105	99015	41.321	ng		96
24) Nitrobenzene	9.28	77	77409	40.748	ng		99
25) Isophorone	9.79	82	139256	41.274	ng		99
26) 2-Nitrophenol	9.99	139	41325	42.502	ng		92
27) 2,4-Dimethylphenol	10.03	122	72034	51.694	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	78839	41.406	ng		98
29) 2,4-Dichlorophenol	10.52	162	76270	49.200	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	79811	42.623	ng		93
31) Naphthalene	10.93	128	214284	45.334	ng		98
32) Benzoic acid	10.19	122	33290	39.811	ng		97
33) 4-Chloroaniline	11.05	127	50964	24.835	ng		96
34) Hexachlorobutadiene	11.19	225	52184	41.186	ng		95
35) Caprolactam	11.83	113	26104	40.689	ng	#	79
36) 4-Chloro-3-methylphenol	12.16	107	80137	45.300	ng		92
37) 2-Methylnaphthalene	12.53	142	163114	48.371	ng		97
38) 1-Methylnaphthalene	12.74	142	155289	47.457	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	97928	39.735	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	116517	86.054 ng		93
43) 2,4,6-Trichlorophenol	13.13	196	70257	46.364 ng		98
44) 2,4,5-Trichlorophenol	13.21	196	76255	47.529 ng		98
46) 1,1'-Biphenyl	13.53	154	217140	39.286 ng		99
47) 2-Chloronaphthalene	13.58	162	177110	41.483 ng		96
48) 2-Nitroaniline	13.79	65	57550	42.318 ng		92
49) Acenaphthylene	14.42	152	289505	45.358 ng		100
50) Dimethylphthalate	14.15	163	234532	43.559 ng		100
51) 2,6-Dinitrotoluene	14.28	165	51733	42.399 ng		96
52) Acenaphthene	14.76	154	165754	43.429 ng		97
53) 3-Nitroaniline	14.61	138	40116	32.253 ng		92
54) 2,4-Dinitrophenol	14.82	184	54239	75.052 ng		98
55) Dibenzofuran	15.09	168	282528	43.185 ng		97
56) 4-Nitrophenol	14.92	139	79458	84.209 ng		98
57) 2,4-Dinitrotoluene	15.06	165	77350	45.009 ng		91
58) Fluorene	15.75	166	230059	47.463 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70588	48.902 ng		99
60) Diethylphthalate	15.50	149	243191	41.144 ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	129142	42.702 ng		97
62) 4-Nitroaniline	15.78	138	57398	44.824 ng		97
63) Azobenzene	16.02	77	202417	40.994 ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	46284	37.600 ng		94
66) n-Nitrosodiphenylamine	15.95	169	211700	41.754 ng		97
67) 4-Bromophenyl-phenylether	16.62	248	87294	41.421 ng		99
68) Hexachlorobenzene	16.74	284	92463	42.324 ng		97
69) Atrazine	16.89	200	89117	47.362 ng		95
70) Pentachlorophenol	17.09	266	96663	74.806 ng		99
71) Phenanthrene	17.48	178	404033	45.151 ng		100
72) Anthracene	17.58	178	415663	47.053 ng		99
73) Carbazole	17.85	167	365866	41.877 ng		99
74) Di-n-butylphthalate	18.38	149	434089	43.301 ng		99
75) Fluoranthene	19.49	202	491152	44.361 ng		97
77) Benzidine	19.68	184	220278	44.156 ng		100
78) Pyrene	19.86	202	493137	44.253 ng		99
80) Butylbenzylphthalate	20.72	149	184458	42.369 ng		98
81) Benzo(a)anthracene	21.70	228	465131	45.253 ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	123844	30.380 ng		98
83) Chrysene	21.77	228	435565	43.995 ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	255636	41.401 ng		98
85) Di-n-octyl phthalate	22.80	149	433536	41.924 ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	512808	44.058 ng	#	59
88) Benzo(b)fluoranthene	23.97	252	464911	46.285 ng		98
89) Benzo(k)fluoranthene	24.04	252	456507	45.641 ng		97
90) Benzo(a)pyrene	24.87	252	456072	47.065 ng	#	98
91) Dibenzo(a,h)anthracene	28.87	278	435544	45.142 ng		99
92) Benzo(g,h,i)perylene	30.01	276	420629	44.237 ng		96

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

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