Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038786.D
Acq On : 21 Dec 2018 14:51
Operator : JU/SJ
Sample : PB115904BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115904BS

Quant Time: Dec 21 16:53:12 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	23886	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	97392	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	68366	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	173322	20.00	ng		0.00
76) Chrysene-d12	21.73	240	167896	20.00	ng		0.00
87) Perylene-d12	25.03	264	174657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	187501	139.23	ng		0.00
7) Phenol-d6	7.22	99	258188	139.65	ng		0.00
23) Nitrobenzene-d5	9.24	82	127575	66.92	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	141819	150.52	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	337361	67.70	ng		0.00
79) Terphenyl-d14	20.04	244	648865	84.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	19299	30.791	ng		95
3) Pyridine	3.89	79	53004	30.715	ng		96
4) n-Nitrosodimethylamine	3.82	42	32795	38.786	ng	#	94
6) Aniline	7.39	93	67822	28.737	ng		98
8) 2-Chlorophenol	7.62	128	69026	44.291	ng		98
9) Benzaldehyde	7.20	77	21627	18.033	ng		95
10) Phenol	7.25	94	87505	44.551	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	56277	35.988	ng		96
12) 1,3-Dichlorobenzene	7.95	146	72642	39.422	ng		97
13) 1,4-Dichlorobenzene	8.09	146	74415	39.431	ng		94
14) 1,2-Dichlorobenzene	8.41	146	71807	40.360	ng		99
15) Benzyl Alcohol	8.30	79	61974	42.947	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	120088	33.524	ng		96
17) 2-Methylphenol	8.50	107	59337	45.091	ng		98
18) Hexachloroethane	9.14	117	25178	36.510	ng	#	84
19) n-Nitroso-di-n-propylamine	8.86	70	48845	37.617	ng		95
20) 3+4-Methylphenols	8.83	107	82254	45.260	ng		97
22) Acetophenone	8.89	105	98089	40.322	ng	#	96
24) Nitrobenzene	9.28	77	76354	39.591	ng		100
25) Isophorone	9.79	82	138075	40.311	ng		99
26) 2-Nitrophenol	9.99	139	40437	40.966	ng		93
27) 2,4-Dimethylphenol	10.03	122	71191	50.325	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	76670	39.664	ng		98
29) 2,4-Dichlorophenol	10.53	162	74852	47.562	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	79294	41.713	ng		98
31) Naphthalene	10.93	128	213786	44.552	ng		99
32) Benzoic acid	10.19	122	37478	43.041	ng		94
33) 4-Chloroaniline	11.04	127	49461	23.741	ng		97
34) Hexachlorobutadiene	11.18	225	52114	40.515	ng		92
35) Caprolactam	11.83	113	25780	39.583	ng		93
36) 4-Chloro-3-methylphenol	12.15	107	78820	43.888	ng		94
37) 2-Methylnaphthalene	12.53	142	162782	47.550	ng		99
38) 1-Methylnaphthalene	12.75	142	155346	46.763	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	98889	38.697	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	107381	76.483 ng		95
43) 2,4,6-Trichlorophenol	13.13	196	70466	44.846 ng		96
44) 2,4,5-Trichlorophenol	13.21	196	76059	45.719 ng		97
46) 1,1'-Biphenyl	13.53	154	216971	37.857 ng		99
47) 2-Chloronaphthalene	13.58	162	175840	39.719 ng		98
48) 2-Nitroaniline	13.79	65	57171	40.543 ng		91
49) Acenaphthylene	14.42	152	290349	43.870 ng		99
50) Dimethylphthalate	14.14	163	227723	40.789 ng		100
51) 2,6-Dinitrotoluene	14.28	165	51736	40.891 ng		94
52) Acenaphthene	14.76	154	166775	42.141 ng		94
53) 3-Nitroaniline	14.61	138	40678	31.540 ng		94
54) 2,4-Dinitrophenol	14.82	184	53208	71.284 ng		98
55) Dibenzofuran	15.09	168	283420	41.779 ng		97
56) 4-Nitrophenol	14.92	139	81476	83.273 ng		98
57) 2,4-Dinitrotoluene	15.07	165	74966	42.069 ng		94
58) Fluorene	15.74	166	230523	45.866 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	71626	47.854 ng		97
60) Diethylphthalate	15.50	149	241615	39.422 ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	129733	41.370 ng		95
62) 4-Nitroaniline	15.78	138	56101	42.251 ng		95
63) Azobenzene	16.02	77	204431	39.928 ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	45569	36.856 ng		93
66) n-Nitrosodiphenylamine	15.95	169	214441	42.109 ng		96
67) 4-Bromophenyl-phenylether	16.62	248	87568	41.369 ng		99
68) Hexachlorobenzene	16.74	284	91278	41.599 ng		95
69) Atrazine	16.89	200	86939	46.001 ng		97
70) Pentachlorophenol	17.09	266	102597	79.050 ng		100
71) Phenanthrene	17.49	178	396503	44.115 ng		98
72) Anthracene	17.58	178	402720	45.387 ng		99
73) Carbazole	17.85	167	355404	40.501 ng		98
74) Di-n-butylphthalate	18.38	149	415883	41.303 ng		99
75) Fluoranthene	19.50	202	469576	42.226 ng		97
77) Benzidine	19.68	184	210977	42.490 ng		99
78) Pyrene	19.86	202	472501	42.600 ng		99
80) Butylbenzylphthalate	20.73	149	180977	41.763 ng		100
81) Benzo(a)anthracene	21.71	228	453883	44.365 ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	123937	30.545 ng		97
83) Chrysene	21.78	228	419072	42.527 ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	249448	40.588 ng		99
85) Di-n-octyl phthalate	22.80	149	422699	41.067 ng		100
86) Indeno(1,2,3-cd)pyrene	28.82	276	494746	42.705 ng	#	74
88) Benzo(b)fluoranthene	23.97	252	447970	46.715 ng		99
89) Benzo(k)fluoranthene	24.04	252	432198	45.261 ng		97
90) Benzo(a)pyrene	24.87	252	431213	46.611 ng		98
91) Dibenzo(a,h)anthracene	28.88	278	417556	45.331 ng		98
92) Benzo(g,h,i)perylene	30.01	276	412447	45.435 ng		97

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

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