Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038602.D
Acq On : 15 Dec 2018 13:32
Operator : JU/SJ
Sample : PB115709BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115709BS

Manual Integrations APPROVED
Sohil
12/16/2018 2:01:07 PM

Quant Time: Dec 16 03:54:25 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	22056	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	87823	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	55892	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	142139	20.00	ng		0.00
76) Chrysene-d12	21.72	240	153412	20.00	ng		0.00
87) Perylene-d12	25.01	264	171220	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	158091	127.13	ng		0.00
7) Phenol-d6	7.22	99	207225	121.39	ng		0.00
23) Nitrobenzene-d5	9.24	82	120738	70.23	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	90134	117.01	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	277012	67.99	ng		0.00
79) Terphenyl-d14	20.04	244	601628	85.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	21222	36.668	ng		92
3) Pyridine	3.89	79	58090	36.455	ng		93
4) n-Nitrosodimethylamine	3.81	42	37666	48.243	ng	#	89
6) Aniline	7.39	93	76141	34.939	ng		99
8) 2-Chlorophenol	7.62	128	64405	44.755	ng		99
9) Benzaldehyde	7.20	77	22783	20.573	ng		97
10) Phenol	7.24	94	80960	44.639	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	56391	39.053	ng		97
12) 1,3-Dichlorobenzene	7.94	146	66803	39.261	ng		98
13) 1,4-Dichlorobenzene	8.10	146	68006	39.025	ng		98
14) 1,2-Dichlorobenzene	8.41	146	64580	39.310	ng		99
15) Benzyl Alcohol	8.30	79	57198	42.926	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	129739	39.223	ng		99
17) 2-Methylphenol	8.50	107	54084	44.509	ng		94
18) Hexachloroethane	9.14	117	25460	39.982	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	47281	39.434	ng		97
20) 3+4-Methylphenols	8.82	107	74311	44.282	ng		97
22) Acetophenone	8.89	105	92346	42.097	ng	#	99
24) Nitrobenzene	9.28	77	73769	42.419	ng		97
25) Isophorone	9.79	82	131494	42.573	ng		98
26) 2-Nitrophenol	9.99	139	35328	39.690	ng		92
27) 2,4-Dimethylphenol	10.04	122	63390	49.692	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	75926	43.559	ng		99
29) 2,4-Dichlorophenol	10.52	162	65290	46.007	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	69386	40.477	ng		98
31) Naphthalene	10.93	128	192110	44.397	ng		98
32) Benzoic acid	10.19	122	27111m	36.538	ng		
33) 4-Chloroaniline	11.05	127	44024	23.434	ng		97
34) Hexachlorobutadiene	11.19	225	45428	39.165	ng		94
35) Caprolactam	11.83	113	21515m	36.634	ng		
36) 4-Chloro-3-methylphenol	12.15	107	67749	41.834	ng		97
37) 2-Methylnaphthalene	12.53	142	137413	44.513	ng		99
38) 1-Methylnaphthalene	12.74	142	131846	44.014	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	81650	39.082	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	114560	99.808	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	54059	42.083	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	58403	42.941	ng		99
46) 1,1'-Biphenyl	13.53	154	181642	38.766	ng		99
47) 2-Chloronaphthalene	13.58	162	143749	39.717	ng		99
48) 2-Nitroaniline	13.79	65	48475	42.048	ng		93
49) Acenaphthylene	14.42	152	236473	43.704	ng		99
50) Dimethylphthalate	14.14	163	194521	42.618	ng		99
51) 2,6-Dinitrotoluene	14.28	165	43506	42.061	ng		97
52) Acenaphthene	14.76	154	133142	41.151	ng		93
53) 3-Nitroaniline	14.61	138	31858	30.214	ng		98
54) 2,4-Dinitrophenol	14.82	184	47683	77.641	ng		93
55) Dibenzofuran	15.09	168	227758	41.067	ng		99
56) 4-Nitrophenol	14.91	139	69457	86.833	ng		91
57) 2,4-Dinitrotoluene	15.06	165	61055	41.909	ng		99
58) Fluorene	15.74	166	180560	43.943	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	52363	42.792	ng		97
60) Diethylphthalate	15.50	149	198279	39.572	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	101287	39.508	ng		98
62) 4-Nitroaniline	15.78	138	47613	43.862	ng		95
63) Azobenzene	16.02	77	173049	41.342	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	39358	38.817	ng		98
66) n-Nitrosodiphenylamine	15.95	169	165348	39.591	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	67218	38.722	ng		96
68) Hexachlorobenzene	16.74	284	70222	39.023	ng		99
69) Atrazine	16.89	200	70886	45.736	ng		97
70) Pentachlorophenol	17.09	266	78309	73.573	ng		98
71) Phenanthrene	17.49	178	323229	43.852	ng		98
72) Anthracene	17.58	178	332708	45.723	ng		98
73) Carbazole	17.85	167	299625	41.636	ng		99
74) Di-n-butylphthalate	18.38	149	367898	44.553	ng		98
75) Fluoranthene	19.49	202	426147	46.728	ng		97
77) Benzidine	19.68	184	211265	46.565	ng		100
78) Pyrene	19.86	202	422507	41.689	ng		99
80) Butylbenzylphthalate	20.72	149	169482	42.803	ng		99
81) Benzo(a)anthracene	21.70	228	417197	44.629	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	108746	29.331	ng		97
83) Chrysene	21.77	228	379789	42.180	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	239319	42.616	ng		99
85) Di-n-octyl phthalate	22.80	149	407226	43.299	ng		98
86) Indeno(1,2,3-cd)pyrene	28.80	276	473567	44.736	ng	#	80
88) Benzo(b)fluoranthene	23.96	252	409574	43.569	ng		100
89) Benzo(k)fluoranthene	24.04	252	408972	43.689	ng		98
90) Benzo(a)pyrene	24.86	252	407660	44.950	ng		98
91) Dibenzo(a,h)anthracene	28.85	278	398549	44.136	ng		99
92) Benzo(g,h,i)perylene	29.99	276	393385	44.205	ng		99

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

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