Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020619\
Data File : BG039369.D
Acq On : 6 Feb 2019 14:00
Operator : JU/SJ
Sample : PB116862BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116862BS

Manual Integrations APPROVED
mohammad
2/7/2019 8:40:48 AM

Quant Time: Feb 06 15:42:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	48155	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	205480	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	131446	20.00	ng		0.00
64) Phenanthrene-d10	17.54	188	323918	20.00	ng		0.00
76) Chrysene-d12	21.84	240	358694	20.00	ng		0.00
87) Perylene-d12	25.22	264	376047	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	450240	160.02	ng		0.00
7) Phenol-d6	7.32	99	629698	152.04	ng		0.00
23) Nitrobenzene-d5	9.36	82	298980	90.90	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	228402	161.36	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	729394	79.60	ng		0.00
79) Terphenyl-d14	20.14	244	1327707	78.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	45646	37.088	ng		96
3) Pyridine	4.00	79	126459	38.809	ng		96
4) n-Nitrosodimethylamine	3.93	42	66071	40.544	ng		96
6) Aniline	7.50	93	151818	29.265	ng		98
8) 2-Chlorophenol	7.73	128	141094	45.876	ng		98
9) Benzaldehyde	7.32	77	74100	34.416	ng		97
10) Phenol	7.35	94	195571	45.300	ng		95
11) bis(2-Chloroethyl)ether	7.59	93	134758	39.502	ng		100
12) 1,3-Dichlorobenzene	8.06	146	147609	39.619	ng		99
13) 1,4-Dichlorobenzene	8.22	146	150119	40.425	ng		98
14) 1,2-Dichlorobenzene	8.53	146	144336	40.149	ng		96
15) Benzyl Alcohol	8.42	79	130562	40.155	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	271792	35.280	ng		99
17) 2-Methylphenol	8.60	107	124276	44.483	ng		97
18) Hexachloroethane	9.26	117	52615	41.182	ng		97
19) n-Nitroso-di-n-propylamine	8.98	70	107415	36.542	ng		96
20) 3+4-Methylphenols	8.93	107	168041	43.678	ng		97
22) Acetophenone	9.01	105	205359	37.206	ng	#	95
24) Nitrobenzene	9.40	77	158824	44.696	ng		99
25) Isophorone	9.91	82	301528	41.369	ng		99
26) 2-Nitrophenol	10.11	139	67970	48.677	ng		97
27) 2,4-Dimethylphenol	10.14	122	144376	48.966	ng		95
28) bis(2-Chloroethoxy)methane	10.40	93	186837	41.617	ng		100
29) 2,4-Dichlorophenol	10.64	162	148879	46.200	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	148980	41.178	ng		95
31) Naphthalene	11.05	128	437110	42.880	ng		98
32) Benzoic acid	10.26	122	74698	40.439	ng		100
33) 4-Chloroaniline	11.16	127	93109	19.699	ng		98
34) Hexachlorobutadiene	11.32	225	98602	40.981	ng		97
35) Caprolactam	11.93	113	48137m	36.098	ng		
36) 4-Chloro-3-methylphenol	12.25	107	157165	42.171	ng		99
37) 2-Methylnaphthalene	12.65	142	328011	43.445	ng		96
38) 1-Methylnaphthalene	12.86	142	309566	42.535	ng		99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	178700	42.728	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	234338	102.827	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	117725	45.781	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	130100	48.273	ng		96
46) 1,1'-Biphenyl	13.64	154	432392	39.536	ng		99
47) 2-Chloronaphthalene	13.69	162	336152	40.858	ng		98
48) 2-Nitroaniline	13.89	65	103791	44.621	ng		96
49) Acenaphthylene	14.53	152	532408	42.886	ng		99
50) Dimethylphthalate	14.25	163	428112	40.327	ng		99
51) 2,6-Dinitrotoluene	14.38	165	90669	46.012	ng		99
52) Acenaphthene	14.87	154	322320	39.998	ng		98
53) 3-Nitroaniline	14.71	138	61028	30.859	ng	#	92
54) 2,4-Dinitrophenol	14.91	184	55303	68.037	ng		98
55) Dibenzofuran	15.20	168	529249	40.962	ng		100
56) 4-Nitrophenol	15.00	139	168159	87.056	ng		89
57) 2,4-Dinitrotoluene	15.16	165	127918	49.951	ng	#	87
58) Fluorene	15.85	166	412203	42.797	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	121437	48.123	ng		99
60) Diethylphthalate	15.60	149	434846	39.617	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	219346	40.219	ng		97
62) 4-Nitroaniline	15.87	138	101650	45.866	ng		95
63) Azobenzene	16.12	77	402235	37.493	ng		100
65) 4,6-Dinitro-2-methylphenol	15.91	198	55328	44.650	ng		98
66) n-Nitrosodiphenylamine	16.05	169	380006	38.582	ng		98
67) 4-Bromophenyl-phenylether	16.73	248	143118	39.827	ng		95
68) Hexachlorobenzene	16.83	284	148434	41.170	ng		94
69) Atrazine	16.99	200	155345	43.160	ng		97
70) Pentachlorophenol	17.18	266	184784	73.743	ng		98
71) Phenanthrene	17.59	178	709293	42.308	ng		100
72) Anthracene	17.68	178	723541	43.815	ng		99
73) Carbazole	17.95	167	645461	39.166	ng		99
74) Di-n-butylphthalate	18.48	149	791965	41.191	ng		99
75) Fluoranthene	19.59	202	891458	45.812	ng		99
77) Benzidine	19.77	184	347091	29.515	ng		99
78) Pyrene	19.95	202	896802	40.162	ng		98
80) Butylbenzylphthalate	20.82	149	377542	40.081	ng		95
81) Benzo(a)anthracene	21.82	228	904089	42.656	ng		99
82) 3,3'-Dichlorobenzidine	21.73	252	198752	25.290	ng		99
83) Chrysene	21.89	228	847517	42.006	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	529906	39.433	ng		100
85) Di-n-octyl phthalate	22.96	149	903601	40.700	ng		97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1016019	46.935	ng		99
88) Benzo(b)fluoranthene	24.14	252	865177	42.187	ng		99
89) Benzo(k)fluoranthene	24.21	252	872216	42.362	ng		98
90) Benzo(a)pyrene	25.06	252	865395	43.816	ng		99
91) Dibenzo(a,h)anthracene	29.20	278	823231	44.507	ng		100
92) Benzo(g,h,i)perylene	30.34	276	830513	45.049	ng		99

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

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