Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091720\
Data File : BG046665.D
Acq On : 17 Sep 2020 17:50
Operator : CG/JU
Sample : PB131690BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB131690BSD

Manual Integrations APPROVED
mohammad
9/21/2020 10:31:59 AM

Quant Time: Sep 17 18:49:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 14:27:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55309	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	244134	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	182213	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	447391	20.00	ng	0.00
76) Chrysene-d12	21.54	240	448023	20.00	ng	0.00
86) Perylene-d12	24.64	264	441059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	337104	107.95	ng	0.00
7) Phenol-d6	7.10	99	460566	104.04	ng	0.00
23) Nitrobenzene-d5	9.08	82	288923	67.64	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	232201	94.05	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	805942	67.52	ng	0.00
79) Terphenyl-d14	19.91	244	1350213	64.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	59466	45.773	ng	98
3) Pyridine	3.80	79	85474	22.487	ng	99
4) n-Nitrosodimethylamine	3.72	42	50283	35.867	ng	92
6) Aniline	7.24	93	190765	38.295	ng	98
8) 2-Chlorophenol	7.49	128	145757	44.163	ng	96
9) Benzaldehyde	7.06	77	89034	35.899	ng	97
10) Phenol	7.12	94	186248	45.680	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	126315	38.542	ng	97
12) 1,3-Dichlorobenzene	7.81	146	148059	35.334	ng	99
13) 1,4-Dichlorobenzene	7.96	146	149484	35.634	ng	98
14) 1,2-Dichlorobenzene	8.28	146	150934	37.524	ng	94
15) Benzyl Alcohol	8.16	79	129281	45.488	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	192656	37.898	ng	99
17) 2-Methylphenol	8.37	107	132443	45.803	ng	97
18) Hexachloroethane	9.00	117	48613	34.177	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	111182	41.988	ng	99
20) 3+4-Methylphenols	8.70	107	184195	46.151	ng	99
22) Acetophenone	8.74	105	213697	35.959	ng	98
24) Nitrobenzene	9.12	77	155875	36.938	ng	95
25) Isophorone	9.64	82	314585	40.171	ng	99
26) 2-Nitrophenol	9.83	139	87265	39.194	ng	99
27) 2,4-Dimethylphenol	9.90	122	145292	47.446	ng	97
28) bis(2-Chloroethoxy)methane	10.12	93	189380	37.572	ng	100
29) 2,4-Dichlorophenol	10.37	162	170217	41.697	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	165796	34.230	ng	96
31) Naphthalene	10.77	128	443285	37.188	ng	99
32) Benzoic acid	10.06	122	46560	25.656	ng	95
33) 4-Chloroaniline	10.88	127	158712	30.195	ng	97
34) Hexachlorobutadiene	11.06	225	103556	32.935	ng	99
35) Caprolactam	11.64	113	61852m	40.534	ng	
36) 4-Chloro-3-methylphenol	12.01	107	173457	43.444	ng	98
37) 2-Methylnaphthalene	12.38	142	368383	39.185	ng	100
38) 1-Methylnaphthalene	12.59	142	350920	39.407	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	216876	36.094	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 14:27:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	213220	81.608 ng	98
43) 2,4,6-Trichlorophenol	12.99	196	152326	37.566 ng	96
44) 2,4,5-Trichlorophenol	13.06	196	166885	39.172 ng	98
46) 1,1'-Biphenyl	13.39	154	489276	38.594 ng	99
47) 2-Chloronaphthalene	13.43	162	382042	35.543 ng	99
48) 2-Nitroaniline	13.63	65	113957	38.181 ng	98
49) Acenaphthylene	14.27	152	636045	39.010 ng	99
50) Dimethylphthalate	14.01	163	536002	38.023 ng	99
51) 2,6-Dinitrotoluene	14.13	165	122675	39.478 ng	96
52) Acenaphthene	14.62	154	373356	36.952 ng	97
53) 3-Nitroaniline	14.46	138	98860	29.370 ng	100
54) 2,4-Dinitrophenol	14.67	184	152741	84.209 ng	93
55) Dibenzofuran	14.95	168	627342	38.689 ng	98
56) 4-Nitrophenol	14.78	139	195089	78.753 ng	97
57) 2,4-Dinitrotoluene	14.92	165	173982	39.266 ng	99
58) Fluorene	15.60	166	521479	38.318 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	166064	40.140 ng	100
60) Diethylphthalate	15.37	149	531230	38.651 ng	98
61) 4-Chlorophenyl-phenylether	15.59	204	284298	37.931 ng	99
62) 4-Nitroaniline	15.62	138	125350	35.294 ng	99
63) Azobenzene	15.88	77	441886	39.524 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	112692	44.503 ng	94
66) n-Nitrosodiphenylamine	15.81	169	481616	39.903 ng	100
67) 4-Bromophenyl-phenylether	16.49	248	201279	38.562 ng	99
68) Hexachlorobenzene	16.61	284	209990	36.326 ng	99
69) Atrazine	16.76	200	177566	36.062 ng	99
70) Pentachlorophenol	16.96	266	229543	76.001 ng	97
71) Phenanthrene	17.34	178	865438	38.164 ng	99
72) Anthracene	17.43	178	891804	39.859 ng	99
73) Carbazole	17.70	167	810233	38.355 ng	99
74) Di-n-butylphthalate	18.26	149	916174	37.717 ng	99
75) Fluoranthene	19.35	202	1093871	37.483 ng	100
77) Benzidine	19.53	184	534125	51.305 ng	100
78) Pyrene	19.71	202	1090750	38.232 ng	100
80) Butylbenzylphthalate	20.60	149	412724	37.088 ng	98
81) Benzo(a)anthracene	21.53	228	1058433	37.902 ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	338486	32.662 ng	98
83) Chrysene	21.59	228	1012225	37.683 ng	98
84) Bis(2-ethylhexyl)phthalate	21.44	149	578853	38.117 ng	99
85) Di-n-octyl phthalate	22.61	149	1014623	39.019 ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1244925	39.300 ng	99
88) Benzo(b)fluoranthene	23.66	252	1067644	38.767 ng	99
89) Benzo(k)fluoranthene	23.73	252	1066485	40.069 ng	100
90) Benzo(a)pyrene	24.50	252	997695	38.819 ng	100
91) Dibenzo(a,h)anthracene	28.20	278	1028917	40.250 ng	99
92) Benzo(g,h,i)perylene	29.25	276	1048775	41.085 ng	98

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

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