Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
Data File : BG044171.D
Acq On : 23 Jan 2020 17:36
Operator : JU
Sample : PB126290BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126290BS

Manual Integrations APPROVED
mohammad
1/24/2020 1:53:42 PM

Quant Time: Jan 24 05:42:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75790	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	317287	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	214428	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	458298	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	388625	20.00	ng	-0.04
87) Perylene-d12	24.66	264	438589	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	432889	104.87	ng	-0.03
7) Phenol-d6	7.10	99	585041	101.40	ng	-0.02
23) Nitrobenzene-d5	9.09	82	473027	79.75	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	217590	96.97	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1057819	89.38	ng	-0.04
79) Terphenyl-d14	19.92	244	1529185	98.94	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	86524	48.075	ng	98
3) Pyridine	3.79	79	207997	39.121	ng	94
4) n-Nitrosodimethylamine	3.70	42	107810	45.544	ng	96
6) Aniline	7.25	93	265017	34.970	ng	97
8) 2-Chlorophenol	7.49	128	261930	54.052	ng	98
9) Benzaldehyde	7.06	77	132169	35.791	ng	97
10) Phenol	7.13	94	323768	54.463	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	237658	46.314	ng	98
12) 1,3-Dichlorobenzene	7.82	146	264772	46.692	ng	99
13) 1,4-Dichlorobenzene	7.96	146	265689	47.486	ng	99
14) 1,2-Dichlorobenzene	8.28	146	252431	47.004	ng	99
15) Benzyl Alcohol	8.16	79	218907	48.073	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.46	45	322538	40.627	ng	99
17) 2-Methylphenol	8.38	107	224041	52.079	ng	98
18) Hexachloroethane	9.02	117	100593	46.204	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	188200	43.799	ng	98
20) 3+4-Methylphenols	8.70	107	306823	51.126	ng	100
22) Acetophenone	8.75	105	352203	44.650	ng	99
24) Nitrobenzene	9.13	77	270352	46.023	ng	98
25) Isophorone	9.65	82	514910	46.275	ng	99
26) 2-Nitrophenol	9.84	139	147103	52.930	ng	96
27) 2,4-Dimethylphenol	9.91	122	248354	59.365	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	328931	44.340	ng	98
29) 2,4-Dichlorophenol	10.38	162	257962	51.693	ng	95
30) 1,2,4-Trichlorobenzene	10.60	180	256729	45.883	ng	97
31) Naphthalene	10.78	128	763091	49.700	ng	99
32) Benzoic acid	10.06	122	115498	35.740	ng	96
33) 4-Chloroaniline	10.88	127	185149	25.282	ng	99
34) Hexachlorobutadiene	11.08	225	147725	43.242	ng	99
35) Caprolactam	11.65	113	96046m	51.701	ng	
36) 4-Chloro-3-methylphenol	12.02	107	283008	53.273	ng	98
37) 2-Methylnaphthalene	12.39	142	573301	49.596	ng	97
38) 1-Methylnaphthalene	12.61	142	544914	49.738	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	271238	43.157	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	358754	110.104 ng	100
43) 2,4,6-Trichlorophenol	13.00	196	205465	47.512 ng	97
44) 2,4,5-Trichlorophenol	13.08	196	224531	50.341 ng	98
46) 1,1'-Biphenyl	13.40	154	721061	46.901 ng	98
47) 2-Chloronaphthalene	13.44	162	566784	45.623 ng	98
48) 2-Nitroaniline	13.64	65	179637	44.952 ng	98
49) Acenaphthylene	14.29	152	908109	50.857 ng	97
50) Dimethylphthalate	14.02	163	730948	48.009 ng	99
51) 2,6-Dinitrotoluene	14.13	165	165539	48.104 ng	99
52) Acenaphthene	14.63	154	566728	45.258 ng	97
53) 3-Nitroaniline	14.46	138	121289	31.037 ng	99
54) 2,4-Dinitrophenol	14.67	184	166670	94.036 ng	97
55) Dibenzofuran	14.96	168	865998	50.237 ng	98
56) 4-Nitrophenol	14.79	139	303201	101.249 ng	94
57) 2,4-Dinitrotoluene	14.92	165	232397	49.631 ng	96
58) Fluorene	15.61	166	684384	50.090 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	196343	51.194 ng	96
60) Diethylphthalate	15.39	149	743811	48.844 ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	355185	47.875 ng	97
62) 4-Nitroaniline	15.63	138	165980	43.010 ng	97
63) Azobenzene	15.90	77	695763	49.266 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	128953	54.007 ng	97
66) n-Nitrosodiphenylamine	15.82	169	645142	47.801 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	228656	44.361 ng	98
68) Hexachlorobenzene	16.62	284	246948	44.462 ng	97
69) Atrazine	16.77	200	233885	53.313 ng	99
70) Pentachlorophenol	16.97	266	264917	86.526 ng	99
71) Phenanthrene	17.35	178	1069006	48.630 ng	98
72) Anthracene	17.44	178	1113102	51.237 ng	98
73) Carbazole	17.71	167	988792	49.273 ng	96
74) Di-n-butylphthalate	18.28	149	1222624	47.719 ng	97
75) Fluoranthene	19.36	202	1227190	48.815 ng	96
77) Benzidine	19.54	184	502802	51.473 ng	97
78) Pyrene	19.72	202	1236422	48.741 ng	95
80) Butylbenzylphthalate	20.61	149	566432	46.901 ng	97
81) Benzo(a)anthracene	21.54	228	1177291	48.855 ng	97
82) 3,3'-Dichlorobenzidine	21.45	252	330219	34.686 ng	99
83) Chrysene	21.60	228	1120935	48.955 ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	799995	48.007 ng	98
85) Di-n-octyl phthalate	22.64	149	1407654	50.247 ng	97
86) Indeno(1,2,3-cd)pyrene	28.18	276	1451378	46.642 ng	99
88) Benzo(b)fluoranthene	23.68	252	1214912	46.857 ng	99
89) Benzo(k)fluoranthene	23.75	252	1227800	49.797 ng	98
90) Benzo(a)pyrene	24.52	252	1152811	47.108 ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1189880	48.415 ng	97
92) Benzo(g,h,i)perylene	29.28	276	1216947	49.849 ng	97

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

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