Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044323.D
Acq On : 6 Feb 2020 15:16
Operator : CG/JU
Sample : PB126588BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126588BS

Manual Integrations APPROVED
mohammad
2/10/2020 8:16:54 AM

Quant Time: Feb 06 22:04:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	74685	20.00	ng		0.00
21) Naphthalene-d8	10.71	136	302447	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	203102	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	469846	20.00	ng		0.00
76) Chrysene-d12	21.54	240	412026	20.00	ng		0.00
87) Perylene-d12	24.63	264	469933	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	415265	98.13	ng		0.00
7) Phenol-d6	7.08	99	551304	97.01	ng		0.00
23) Nitrobenzene-d5	9.07	82	432408	80.72	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	233739	98.03	ng		0.00
45) 2-Fluorobiphenyl	13.17	172	1018963	84.01	ng		0.00
79) Terphenyl-d14	19.91	244	1617082	80.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	84088	44.226	ng		100
3) Pyridine	3.77	79	206140	40.694	ng		98
4) n-Nitrosodimethylamine	3.68	42	99505	47.008	ng		98
6) Aniline	7.24	93	262232	37.176	ng		100
8) 2-Chlorophenol	7.48	128	249760	53.701	ng		99
9) Benzaldehyde	7.04	77	119008	36.771	ng		98
10) Phenol	7.11	94	305129	54.255	ng		98
11) bis(2-Chloroethyl)ether	7.33	93	225935	46.990	ng		98
12) 1,3-Dichlorobenzene	7.80	146	257325	46.340	ng		98
13) 1,4-Dichlorobenzene	7.95	146	260529	47.370	ng		99
14) 1,2-Dichlorobenzene	8.26	146	244323	46.999	ng		99
15) Benzyl Alcohol	8.15	79	199336	49.546	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	284856	43.772	ng		99
17) 2-Methylphenol	8.36	107	212195	52.882	ng		98
18) Hexachloroethane	9.00	117	93840	45.468	ng		98
19) n-Nitroso-di-n-propylamine	8.72	70	172424	45.527	ng		96
20) 3+4-Methylphenols	8.69	107	291397	52.694	ng		98
22) Acetophenone	8.73	105	331773	45.093	ng	#	99
24) Nitrobenzene	9.11	77	248526	47.520	ng		98
25) Isophorone	9.64	82	477987	47.870	ng		99
26) 2-Nitrophenol	9.82	139	141141	52.009	ng		98
27) 2,4-Dimethylphenol	9.89	122	238247	62.193	ng		99
28) bis(2-Chloroethoxy)methane	10.12	93	308948	46.381	ng		100
29) 2,4-Dichlorophenol	10.36	162	249563	53.878	ng		99
30) 1,2,4-Trichlorobenzene	10.58	180	245614	46.244	ng		98
31) Naphthalene	10.76	128	715806	48.781	ng		100
32) Benzoic acid	10.04	122	122266	48.321	ng		97
33) 4-Chloroaniline	10.87	127	176224	26.406	ng		98
34) Hexachlorobutadiene	11.06	225	142028	43.458	ng		99
35) Caprolactam	11.64	113	97877m	57.683	ng		
36) 4-Chloro-3-methylphenol	12.00	107	268197	55.225	ng		99
37) 2-Methylnaphthalene	12.38	142	536623	49.254	ng		98
38) 1-Methylnaphthalene	12.59	142	507968	49.454	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	263144	43.313	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	327690	112.408 ng	99
43) 2,4,6-Trichlorophenol	12.98	196	203532	51.829 ng	99
44) 2,4,5-Trichlorophenol	13.06	196	220947	55.085 ng	98
46) 1,1'-Biphenyl	13.38	154	681288	46.504 ng	100
47) 2-Chloronaphthalene	13.42	162	534656	45.863 ng	99
48) 2-Nitroaniline	13.62	65	160996	46.795 ng	95
49) Acenaphthylene	14.27	152	860435	50.322 ng	100
50) Dimethylphthalate	14.00	163	719493	49.282 ng	100
51) 2,6-Dinitrotoluene	14.12	165	165690	50.900 ng	96
52) Acenaphthene	14.62	154	526539	47.509 ng	97
53) 3-Nitroaniline	14.45	138	118880	33.009 ng	96
54) 2,4-Dinitrophenol	14.66	184	186297	95.004 ng	97
55) Dibenzofuran	14.95	168	839650	50.039 ng	98
56) 4-Nitrophenol	14.77	139	307111	116.416 ng	96
57) 2,4-Dinitrotoluene	14.91	165	233508	51.181 ng	97
58) Fluorene	15.60	166	663861	50.230 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	198625	54.823 ng	98
60) Diethylphthalate	15.37	149	731336	50.273 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	347187	48.449 ng	98
62) 4-Nitroaniline	15.61	138	172294	47.877 ng	96
63) Azobenzene	15.88	77	634457	49.762 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	145631	56.151 ng	99
66) n-Nitrosodiphenylamine	15.81	169	638161	48.466 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	235988	46.101 ng	97
68) Hexachlorobenzene	16.61	284	258134	45.011 ng	98
69) Atrazine	16.76	200	248282	55.014 ng	96
70) Pentachlorophenol	16.95	266	298594	102.060 ng	98
71) Phenanthrene	17.34	178	1106489	48.634 ng	99
72) Anthracene	17.43	178	1137440	50.567 ng	99
73) Carbazole	17.69	167	1023252	49.346 ng	99
74) Di-n-butylphthalate	18.26	149	1255968	49.013 ng	99
75) Fluoranthene	19.35	202	1299748	49.384 ng	99
77) Benzidine	19.53	184	574807	50.295 ng	98
78) Pyrene	19.71	202	1292481	48.846 ng	100
80) Butylbenzylphthalate	20.60	149	568164	47.118 ng	98
81) Benzo(a)anthracene	21.52	228	1244971	49.027 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	336590	34.153 ng	99
83) Chrysene	21.58	228	1190240	48.492 ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	806406	48.587 ng	99
85) Di-n-octyl phthalate	22.61	149	1411475	49.151 ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1536823	47.991 ng	99
88) Benzo(b)fluoranthene	23.66	252	1293558	47.769 ng	100
89) Benzo(k)fluoranthene	23.72	252	1301249	49.304 ng	99
90) Benzo(a)pyrene	24.49	252	1219291	47.623 ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1265334	49.937 ng	100
92) Benzo(g,h,i)perylene	29.23	276	1288604	50.801 ng	99

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

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