Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
Data File : BG045494.D
Acq On : 28 May 2020 12:52
Operator : CG/JU
Sample : PB129122BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129122BS

Manual Integrations APPROVED
mohammad
5/29/2020 10:26:56 PM

Quant Time: May 28 13:39:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62379	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	273718	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	209472	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	510424	20.00	ng		0.00
76) Chrysene-d12	21.61	240	446074	20.00	ng		0.00
87) Perylene-d12	24.75	264	494368	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	502885	157.55	ng		0.00
7) Phenol-d6	7.17	99	722474	159.03	ng		0.00
23) Nitrobenzene-d5	9.12	82	471100	93.86	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	389545	145.41	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1124745	91.08	ng		0.00
79) Terphenyl-d14	19.96	244	1887150	98.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	58400	36.896	ng		95
3) Pyridine	3.80	79	141402	32.077	ng		93
4) n-Nitrosodimethylamine	3.71	42	65077	45.114	ng		91
6) Aniline	7.28	93	275180	46.401	ng		98
8) 2-Chlorophenol	7.54	128	192511	54.998	ng		96
9) Benzaldehyde	7.08	77	122217	41.291	ng		93
10) Phenol	7.20	94	259116	55.341	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	179008	49.015	ng		98
12) 1,3-Dichlorobenzene	7.85	146	197506	46.954	ng		98
13) 1,4-Dichlorobenzene	7.99	146	199521	48.064	ng		98
14) 1,2-Dichlorobenzene	8.31	146	191185	47.885	ng		97
15) Benzyl Alcohol	8.21	79	198059	52.774	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	164869	47.558	ng		98
17) 2-Methylphenol	8.44	107	178427	50.912	ng		97
18) Hexachloroethane	9.04	117	77465	48.724	ng		87
19) n-Nitroso-di-n-propylamine	8.76	70	165767	52.766	ng		100
20) 3+4-Methylphenols	8.76	107	236845m	49.629	ng		
22) Acetophenone	8.78	105	291290	44.901	ng	#	93
24) Nitrobenzene	9.16	77	242055	45.010	ng		99
25) Isophorone	9.69	82	465144	47.055	ng		98
26) 2-Nitrophenol	9.87	139	111370	48.411	ng		92
27) 2,4-Dimethylphenol	9.96	122	192497	56.417	ng		98
28) bis(2-Chloroethoxy)methane	10.17	93	252177	48.644	ng		98
29) 2,4-Dichlorophenol	10.44	162	203860	50.595	ng		97
30) 1,2,4-Trichlorobenzene	10.63	180	217665	45.717	ng		97
31) Naphthalene	10.81	128	594462	46.606	ng		98
32) Benzoic acid	10.15	122	126646	53.202	ng		91
33) 4-Chloroaniline	10.93	127	196820	36.915	ng		97
34) Hexachlorobutadiene	11.11	225	151789	45.102	ng		98
35) Caprolactam	11.70	113	76028m	51.407	ng		
36) 4-Chloro-3-methylphenol	12.09	107	246776	54.353	ng		94
37) 2-Methylnaphthalene	12.42	142	469874	49.425	ng		100
38) 1-Methylnaphthalene	12.64	142	441548	49.168	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	269513	46.064	ng		98

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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	12.78	237	347598	102.930	ng	100
43) 2,4,6-Trichlorophenol	13.05	196	187679	46.177	ng	98
44) 2,4,5-Trichlorophenol	13.14	196	195702	42.136	ng	95
46) 1,1'-Biphenyl	13.43	154	609519	47.356	ng	99
47) 2-Chloronaphthalene	13.48	162	468948	44.868	ng	99
48) 2-Nitroaniline	13.68	65	156378	45.484	ng	87
49) Acenaphthylene	14.32	152	791702	47.158	ng	99
50) Dimethylphthalate	14.06	163	664935	46.274	ng	98
51) 2,6-Dinitrotoluene	14.17	165	153922	47.470	ng	96
52) Acenaphthene	14.66	154	585075m	52.064	ng	
53) 3-Nitroaniline	14.51	138	118173	35.852	ng	93
54) 2,4-Dinitrophenol	14.72	184	190595	89.067	ng	97
55) Dibenzofuran	15.00	168	767935	46.017	ng	97
56) 4-Nitrophenol	14.87	139	233286	93.482	ng	98
57) 2,4-Dinitrotoluene	14.97	165	220414	46.936	ng	94
58) Fluorene	15.65	166	642648	46.874	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	200575	49.086	ng	97
60) Diethylphthalate	15.42	149	692991	46.334	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	357421	45.558	ng	98
62) 4-Nitroaniline	15.68	138	151104	43.912	ng	97
63) Azobenzene	15.94	77	647898	46.458	ng	96
65) 4,6-Dinitro-2-methylphenol	15.74	198	140516	47.269	ng	96
66) n-Nitrosodiphenylamine	15.86	169	576960	47.079	ng	97
67) 4-Bromophenyl-phenylether	16.54	248	254597	46.064	ng	98
68) Hexachlorobenzene	16.67	284	274548	47.493	ng	99
69) Atrazine	16.81	200	227370	45.043	ng	98
70) Pentachlorophenol	17.01	266	282716	94.187	ng	98
71) Phenanthrene	17.39	178	1057463	47.456	ng	99
72) Anthracene	17.48	178	1083395	48.415	ng	98
73) Carbazole	17.76	167	989663	45.372	ng	99
74) Di-n-butylphthalate	18.31	149	1172312	44.778	ng	98
75) Fluoranthene	19.40	202	1280274	45.172	ng	99
77) Benzidine	19.58	184	750290	59.888	ng	99
78) Pyrene	19.76	202	1281435	50.395	ng	98
80) Butylbenzylphthalate	20.65	149	506114	46.113	ng	99
81) Benzo(a)anthracene	21.59	228	1217724	49.004	ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	362040	37.142	ng	99
83) Chrysene	21.65	228	1139280	47.681	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	710177	47.071	ng	99
85) Di-n-octyl phthalate	22.69	149	1202452	46.404	ng	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1514080	48.458	ng	99
88) Benzo(b)fluoranthene	23.76	252	1293425	48.784	ng	99
89) Benzo(k)fluoranthene	23.83	252	1237330	49.674	ng	98
90) Benzo(a)pyrene	24.61	252	1179905	47.783	ng	99
91) Dibenzo(a,h)anthracene	28.40	278	1240481	49.992	ng	100
92) Benzo(g,h,i)perylene	29.46	276	1248015	50.289	ng	96

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

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