Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042984.D
Acq On : 2 Oct 2019 14:36
Operator : JU
Sample : PB123556BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123556BS

Manual Integrations APPROVED
mohammad
10/4/2019 8:17:44 AM

Quant Time: Oct 03 05:06:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	71468	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	285290	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	206176	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	488235	20.00	ng		0.00
76) Chrysene-d12	21.71	240	531038	20.00	ng		0.00
87) Perylene-d12	24.93	264	527893	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	475162	118.65	ng		0.00
7) Phenol-d6	7.25	99	644396	111.74	ng		0.00
23) Nitrobenzene-d5	9.23	82	390144	66.47	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	396985	111.97	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	942982	66.30	ng		0.00
79) Terphenyl-d14	20.04	244	1782594	71.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	57934	34.698	ng		97
3) Pyridine	3.95	79	142357	30.314	ng		94
4) n-Nitrosodimethylamine	3.86	42	97554	43.198	ng	#	87
6) Aniline	7.40	93	226216	32.496	ng		99
8) 2-Chlorophenol	7.64	128	201612	48.275	ng		98
9) Benzaldehyde	7.21	77	102033	28.954	ng		91
10) Phenol	7.27	94	250440	47.333	ng		99
11) bis(2-Chloroethyl)ether	7.49	93	175011	42.750	ng		94
12) 1,3-Dichlorobenzene	7.96	146	213739	40.119	ng		98
13) 1,4-Dichlorobenzene	8.11	146	223817	42.142	ng		99
14) 1,2-Dichlorobenzene	8.42	146	213484	42.221	ng		92
15) Benzyl Alcohol	8.31	79	192714	44.447	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	285639	36.332	ng		99
17) 2-Methylphenol	8.52	107	174198	47.053	ng		97
18) Hexachloroethane	9.16	117	81589	40.790	ng		97
19) n-Nitroso-di-n-propylamine	8.88	70	154016	40.672	ng		97
20) 3+4-Methylphenols	8.85	107	232437	45.814	ng		96
22) Acetophenone	8.89	105	297816	40.498	ng	#	95
24) Nitrobenzene	9.27	77	241869	43.201	ng		99
25) Isophorone	9.80	82	428251	41.537	ng		98
26) 2-Nitrophenol	9.99	139	114145	47.893	ng		96
27) 2,4-Dimethylphenol	10.04	122	185928	50.798	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	238390	40.753	ng		97
29) 2,4-Dichlorophenol	10.53	162	212090	46.592	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	245291	41.727	ng		94
31) Naphthalene	10.93	128	602195	42.880	ng		99
32) Benzoic acid	10.20	122	124843	44.511	ng		91
33) 4-Chloroaniline	11.03	127	164127	26.933	ng		95
34) Hexachlorobutadiene	11.21	225	170722	38.787	ng		97
35) Caprolactam	11.81	113	70440m	43.880	ng		
36) 4-Chloro-3-methylphenol	12.15	107	225166	45.493	ng		96
37) 2-Methylnaphthalene	12.52	142	462455	43.165	ng		97
38) 1-Methylnaphthalene	12.74	142	431499	42.564	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	310040	39.995	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	330669	66.947 ng	97
43) 2,4,6-Trichlorophenol	13.13	196	199389	43.944 ng	97
44) 2,4,5-Trichlorophenol	13.21	196	215288	46.059 ng	96
46) 1,1'-Biphenyl	13.53	154	613585	39.244 ng	99
47) 2-Chloronaphthalene	13.57	162	488538	41.675 ng	98
48) 2-Nitroaniline	13.77	65	165851	42.545 ng	92
49) Acenaphthylene	14.42	152	781399	43.563 ng	99
50) Dimethylphthalate	14.15	163	622643	40.306 ng	98
51) 2,6-Dinitrotoluene	14.26	165	147702	44.897 ng	91
52) Acenaphthene	14.76	154	473466	39.435 ng	99
53) 3-Nitroaniline	14.59	138	113581	33.408 ng	98
54) 2,4-Dinitrophenol	14.79	184	178735	87.407 ng	96
55) Dibenzofuran	15.09	168	751878	42.334 ng	98
56) 4-Nitrophenol	14.91	139	239560	92.479 ng	100
57) 2,4-Dinitrotoluene	15.05	165	209233	43.432 ng	94
58) Fluorene	15.74	166	636402	41.970 ng	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	222566m	44.721 ng	
60) Diethylphthalate	15.51	149	630940	40.132 ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	371398	40.840 ng	99
62) 4-Nitroaniline	15.76	138	151208	40.780 ng	93
63) Azobenzene	16.02	77	582852	40.721 ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	127388	46.109 ng	99
66) n-Nitrosodiphenylamine	15.94	169	571202	44.318 ng	98
67) 4-Bromophenyl-phenylether	16.62	248	261098	42.609 ng	99
68) Hexachlorobenzene	16.74	284	288890	42.341 ng	97
69) Atrazine	16.89	200	222366	40.971 ng	96
70) Pentachlorophenol	17.09	266	368656	93.639 ng	99
71) Phenanthrene	17.48	178	1034198	43.388 ng	98
72) Anthracene	17.56	178	1051450	44.187 ng	99
73) Carbazole	17.84	167	970514	43.982 ng	98
74) Di-n-butylphthalate	18.39	149	1095779	41.621 ng	99
75) Fluoranthene	19.48	202	1340747	42.527 ng	100
77) Benzidine	19.66	184	403047	30.312 ng	100
78) Pyrene	19.84	202	1356052	42.784 ng	98
80) Butylbenzylphthalate	20.73	149	520551	43.268 ng	96
81) Benzo(a)anthracene	21.68	228	1406116	42.496 ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	503775	38.818 ng	99
83) Chrysene	21.75	228	1370720	42.688 ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	747407	43.659 ng	99
85) Di-n-octyl phthalate	22.81	149	1267486	45.278 ng	98
86) Indeno(1,2,3-cd)pyrene	28.62	276	1775398	44.414 ng	98
88) Benzo(b)fluoranthene	23.91	252	1511366	50.599 ng	99
89) Benzo(k)fluoranthene	23.98	252	1484640	50.243 ng	98
90) Benzo(a)pyrene	24.79	252	1476226	52.384 ng	99
91) Dibenzo(a,h)anthracene	28.69	278	1511807	52.317 ng	98
92) Benzo(g,h,i)perylene	29.77	276	1463489	52.269 ng	96

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

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