Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041325.D
Acq On : 19 Jun 2019 13:08
Operator : HP/JU
Sample : PB120729BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120729BS

Manual Integrations APPROVED
mohammad
6/21/2019 9:57:28 PM

Quant Time: Jun 19 15:17:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31657	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	125255	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	89585	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	235882	20.00	ng		0.00
76) Chrysene-d12	21.74	240	283394	20.00	ng		0.00
87) Perylene-d12	25.05	264	248796	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	144573	83.91	ng		0.00
7) Phenol-d6	7.23	99	206336	82.62	ng		0.00
23) Nitrobenzene-d5	9.26	82	212760	71.44	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	109949	79.94	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	469894	71.29	ng		0.00
79) Terphenyl-d14	20.06	244	959021	67.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	29005	33.573	ng		92
3) Pyridine	3.87	79	70462	30.744	ng		95
4) n-Nitrosodimethylamine	3.80	42	47616	38.958	ng		94
6) Aniline	7.41	93	73356	21.132	ng		96
8) 2-Chlorophenol	7.63	128	88280	43.607	ng		96
9) Benzaldehyde	7.25	77	3219	2.015	ng	#	14
10) Phenol	7.26	94	116739	43.469	ng		95
11) bis(2-Chloroethyl)ether	7.49	93	77018	37.797	ng		97
12) 1,3-Dichlorobenzene	7.96	146	93225	36.778	ng		94
13) 1,4-Dichlorobenzene	8.11	146	96134	37.128	ng		99
14) 1,2-Dichlorobenzene	8.43	146	91575	37.028	ng		95
15) Benzyl Alcohol	8.32	79	92734	38.756	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	120694	36.182	ng		99
17) 2-Methylphenol	8.52	107	81324	42.357	ng		95
18) Hexachloroethane	9.16	117	37567	36.613	ng		90
19) n-Nitroso-di-n-propylamine	8.88	70	72411	35.850	ng		96
20) 3+4-Methylphenols	8.85	107	108573	42.479	ng		96
22) Acetophenone	8.91	105	141247	38.752	ng	#	99
24) Nitrobenzene	9.30	77	122516	40.902	ng		97
25) Isophorone	9.81	82	210187	38.467	ng		98
26) 2-Nitrophenol	10.01	139	49954	41.136	ng		100
27) 2,4-Dimethylphenol	10.06	122	84412	46.373	ng		94
28) bis(2-Chloroethoxy)methane	10.30	93	107765	37.852	ng		97
29) 2,4-Dichlorophenol	10.54	162	99222	43.962	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	113667	39.323	ng		94
31) Naphthalene	10.95	128	274975	40.393	ng		99
32) Benzoic acid	10.21	122	47856	40.386	ng		91
33) 4-Chloroaniline	11.07	127	64927	22.457	ng		97
34) Hexachlorobutadiene	11.21	225	83515	36.398	ng		98
35) Caprolactam	11.85	113	29653m	38.163	ng		
36) 4-Chloro-3-methylphenol	12.18	107	112344	43.093	ng		97
37) 2-Methylnaphthalene	12.55	142	210141	41.912	ng		99
38) 1-Methylnaphthalene	12.77	142	197128	41.094	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	154725	41.826	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
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	12.88	237	143933	57.763	ng		96
43) 2,4,6-Trichlorophenol	13.15	196	96247	42.059	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	101799	43.234	ng		98
46) 1,1'-Biphenyl	13.55	154	284293	41.977	ng		99
47) 2-Chloronaphthalene	13.60	162	236635	40.583	ng		99
48) 2-Nitroaniline	13.81	65	84872	39.744	ng		99
49) Acenaphthylene	14.44	152	369030	41.708	ng		99
50) Dimethylphthalate	14.16	163	308082	38.651	ng		99
51) 2,6-Dinitrotoluene	14.30	165	68818	40.946	ng		97
52) Acenaphthene	14.78	154	214542	41.293	ng		96
53) 3-Nitroaniline	14.63	138	49048	29.620	ng		88
54) 2,4-Dinitrophenol	14.84	184	76587	64.381	ng		89
55) Dibenzofuran	15.11	168	376271	41.653	ng		98
56) 4-Nitrophenol	14.94	139	99516	79.145	ng		97
57) 2,4-Dinitrotoluene	15.08	165	99638	40.555	ng	#	98
58) Fluorene	15.76	166	296708	41.753	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	111116	45.634	ng	#	99
60) Diethylphthalate	15.51	149	317958	39.245	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	187298	40.510	ng		97
62) 4-Nitroaniline	15.80	138	68065	38.432	ng		95
63) Azobenzene	16.04	77	296516	41.024	ng		95
65) 4,6-Dinitro-2-methylphenol	15.84	198	56507	36.907	ng		99
66) n-Nitrosodiphenylamine	15.97	169	264404	42.215	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	123842	40.604	ng		98
68) Hexachlorobenzene	16.75	284	129491	39.647	ng		95
69) Atrazine	16.91	200	103595	47.939	ng		97
70) Pentachlorophenol	17.11	266	149265	89.251	ng		98
71) Phenanthrene	17.51	178	521260	41.434	ng		99
72) Anthracene	17.59	178	533078	42.981	ng		100
73) Carbazole	17.87	167	458344	42.245	ng		99
74) Di-n-butylphthalate	18.40	149	544733	40.238	ng		99
75) Fluoranthene	19.51	202	700625	41.920	ng		98
77) Benzidine	19.69	184	182869	26.678	ng		99
78) Pyrene	19.87	202	703505	36.809	ng		100
80) Butylbenzylphthalate	20.74	149	261015	36.106	ng		96
81) Benzo(a)anthracene	21.72	228	693876	36.161	ng		98
82) 3,3'-Dichlorobenzidine	21.64	252	184809	27.437	ng		99
83) Chrysene	21.79	228	673252	36.485	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	362302	36.775	ng		99
85) Di-n-octyl phthalate	22.82	149	616645	36.996	ng		100
86) Indeno(1,2,3-cd)pyrene	28.85	276	778286	35.549	ng	#	97
88) Benzo(b)fluoranthene	23.99	252	689773	44.736	ng		99
89) Benzo(k)fluoranthene	24.06	252	691384	45.264	ng		97
90) Benzo(a)pyrene	24.90	252	669629	45.985	ng		99
91) Dibenzo(a,h)anthracene	28.92	278	651694	44.454	ng		99
92) Benzo(g,h,i)perylene	30.06	276	611553	42.212	ng		98

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

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