Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041659.D
Acq On : 16 Jul 2019 9:07
Operator : HP/JU
Sample : PB121341BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB121341BS

Manual Integrations APPROVED
mohammad
7/17/2019 12:04:51 PM

Quant Time: Jul 17 01:43:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	144235	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	568186	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	349533	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	821885	20.00	ng		0.00
76) Chrysene-d12	21.66	240	773833	20.00	ng		0.00
87) Perylene-d12	24.86	264	818854	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1186633	134.49	ng		0.00
7) Phenol-d6	7.21	99	1531015	129.01	ng		0.00
23) Nitrobenzene-d5	9.21	82	897860	96.10	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	608635	154.51	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1977080	87.59	ng		0.00
79) Terphenyl-d14	20.01	244	2738466	82.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	93990	22.430	ng		99
3) Pyridine	3.89	79	240940	21.540	ng		98
4) n-Nitrosodimethylamine	3.80	42	134463	26.030	ng		98
6) Aniline	7.37	93	346558	21.728	ng		99
8) 2-Chlorophenol	7.61	128	284038	28.436	ng		99
9) Benzaldehyde	7.18	77	195110	24.050	ng		97
10) Phenol	7.24	94	357895	28.624	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	269840	26.722	ng		99
12) 1,3-Dichlorobenzene	7.94	146	310775	26.075	ng		98
13) 1,4-Dichlorobenzene	8.08	146	317461	26.598	ng		98
14) 1,2-Dichlorobenzene	8.41	146	299289	26.596	ng		97
15) Benzyl Alcohol	8.28	79	243106	25.731	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	542760	25.939	ng		99
17) 2-Methylphenol	8.48	107	249192	28.819	ng		99
18) Hexachloroethane	9.14	117	114462	26.182	ng		99
19) n-Nitroso-di-n-propylamine	8.86	70	228230	26.312	ng		98
20) 3+4-Methylphenols	8.81	107	339565	28.657	ng		99
22) Acetophenone	8.87	105	416119	30.070	ng	#	97
24) Nitrobenzene	9.25	77	312151	30.627	ng		99
25) Isophorone	9.78	82	592401	28.957	ng		97
26) 2-Nitrophenol	9.96	139	147018	33.049	ng		99
27) 2,4-Dimethylphenol	10.02	122	282810	34.938	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	359009	28.472	ng		99
29) 2,4-Dichlorophenol	10.50	162	289868	31.409	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	315855	29.148	ng		98
31) Naphthalene	10.91	128	831315	29.719	ng		98
32) Benzoic acid	10.15	122	176188	31.092	ng		96
33) 4-Chloroaniline	11.00	127	204688	15.864	ng		97
34) Hexachlorobutadiene	11.20	225	202862	29.127	ng		97
35) Caprolactam	11.77	113	104933m	30.934	ng		
36) 4-Chloro-3-methylphenol	12.12	107	295291	30.542	ng		98
37) 2-Methylnaphthalene	12.51	142	635156	29.720	ng		99
38) 1-Methylnaphthalene	12.72	142	597428	29.322	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	361220	30.170	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	452234	66.772	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	248572	31.952	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	264504	32.270	ng		97
46) 1,1'-Biphenyl	13.51	154	799632	30.536	ng		98
47) 2-Chloronaphthalene	13.55	162	638126	29.239	ng		99
48) 2-Nitroaniline	13.74	65	198165	31.186	ng		97
49) Acenaphthylene	14.39	152	1020328	29.948	ng		98
50) Dimethylphthalate	14.12	163	811817	29.572	ng		98
51) 2,6-Dinitrotoluene	14.23	165	187279	32.163	ng		95
52) Acenaphthene	14.73	154	695426	32.390	ng		99
53) 3-Nitroaniline	14.56	138	137986	21.708	ng		97
54) 2,4-Dinitrophenol	14.76	184	200705	69.341	ng		94
55) Dibenzofuran	15.07	168	977513	30.340	ng		96
56) 4-Nitrophenol	14.86	139	346068	67.247	ng		98
57) 2,4-Dinitrotoluene	15.02	165	254079	33.009	ng		98
58) Fluorene	15.72	166	786123	29.987	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	246557	32.583	ng		98
60) Diethylphthalate	15.49	149	819028	29.615	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	446921	30.159	ng		98
62) 4-Nitroaniline	15.72	138	207858	30.833	ng		99
63) Azobenzene	16.00	77	735872	29.431	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	135384	36.549	ng		97
66) n-Nitrosodiphenylamine	15.91	169	735201	30.461	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	292697	29.930	ng		99
68) Hexachlorobenzene	16.71	284	284798	28.920	ng		99
69) Atrazine	16.86	200	281236	32.109	ng		100
70) Pentachlorophenol	17.05	266	413447	67.146	ng		99
71) Phenanthrene	17.45	178	1247433	30.138	ng		97
72) Anthracene	17.54	178	1295294	31.395	ng		96
73) Carbazole	17.80	167	1189387	31.084	ng		97
74) Di-n-butylphthalate	18.37	149	1380216	29.575	ng		97
75) Fluoranthene	19.45	202	1542059	30.341	ng		95
77) Benzidine	19.62	184	631528	20.201	ng		97
78) Pyrene	19.81	202	1550386	29.623	ng		95
80) Butylbenzylphthalate	20.70	149	649824	29.879	ng		96
81) Benzo(a)anthracene	21.64	228	1503999	30.081	ng		95
82) 3,3'-Dichlorobenzidine	21.55	252	551057	28.009	ng		96
83) Chrysene	21.70	228	1464554	30.655	ng		96
84) Bis(2-ethylhexyl)phthalate	21.57	149	926747	30.181	ng		97
85) Di-n-octyl phthalate	22.78	149	1587637	30.360	ng		98
86) Indeno(1,2,3-cd)pyrene	28.50	276	1891412	30.005	ng	#	93
88) Benzo(b)fluoranthene	23.84	252	1652863	33.277	ng		97
89) Benzo(k)fluoranthene	23.91	252	1595620	34.669	ng		99
90) Benzo(a)pyrene	24.70	252	1606020	34.175	ng		98
91) Dibenzo(a,h)anthracene	28.58	278	1558629	34.207	ng		97
92) Benzo(g,h,i)perylene	29.64	276	1572386	34.435	ng		99

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

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