Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041322.D
Acq On : 19 Jun 2019 11:15
Operator : HP/JU
Sample : PB120669BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120669BS

Manual Integrations APPROVED
mohammad
6/21/2019 9:57:25 PM

Quant Time: Jun 19 13:51:46 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	33928	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	136148	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	99068	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	263905	20.00	ng		0.00
76) Chrysene-d12	21.74	240	277389	20.00	ng		0.00
87) Perylene-d12	25.05	264	269069	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	283607	153.59	ng		0.00
7) Phenol-d6	7.23	99	425853	159.11	ng		0.00
23) Nitrobenzene-d5	9.26	82	296399	91.56	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	231931	152.49	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	684923	93.97	ng		0.00
79) Terphenyl-d14	20.06	244	1300890	92.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	30149	32.561	ng		93
3) Pyridine	3.88	79	85817	34.937	ng		96
4) n-Nitrosodimethylamine	3.80	42	55592	42.439	ng		95
6) Aniline	7.40	93	70203	18.870	ng		98
8) 2-Chlorophenol	7.64	128	103809	47.846	ng		99
9) Benzaldehyde	7.22	77	34324	20.050	ng		90
10) Phenol	7.26	94	139274	48.389	ng		97
11) bis(2-Chloroethyl)ether	7.50	93	90126	41.269	ng		97
12) 1,3-Dichlorobenzene	7.96	146	109500	40.307	ng		94
13) 1,4-Dichlorobenzene	8.11	146	112163	40.419	ng		96
14) 1,2-Dichlorobenzene	8.43	146	107606	40.598	ng		94
15) Benzyl Alcohol	8.32	79	111680	43.550	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	142459	39.849	ng		98
17) 2-Methylphenol	8.52	107	96395	46.846	ng		98
18) Hexachloroethane	9.16	117	43855	39.880	ng		99
19) n-Nitroso-di-n-propylamine	8.88	70	91036	42.054	ng		99
20) 3+4-Methylphenols	8.85	107	134483	49.094	ng		96
22) Acetophenone	8.91	105	169523	42.788	ng	#	96
24) Nitrobenzene	9.30	77	144292	44.318	ng		99
25) Isophorone	9.82	82	256165	43.131	ng		99
26) 2-Nitrophenol	10.01	139	61333	46.465	ng		96
27) 2,4-Dimethylphenol	10.06	122	104115	52.621	ng		99
28) bis(2-Chloroethoxy)methane	10.30	93	130181	42.067	ng		94
29) 2,4-Dichlorophenol	10.55	162	122566	49.960	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	134861	42.922	ng		97
31) Naphthalene	10.95	128	330533	44.670	ng		98
32) Benzoic acid	10.22	122	63777	49.516	ng		93
33) 4-Chloroaniline	11.07	127	52870	16.824	ng		94
34) Hexachlorobutadiene	11.21	225	97962	39.279	ng		97
35) Caprolactam	11.87	113	38638m	45.748	ng		
36) 4-Chloro-3-methylphenol	12.18	107	137724	48.601	ng		98
37) 2-Methylnaphthalene	12.55	142	246100	45.157	ng		97
38) 1-Methylnaphthalene	12.77	142	241577	46.331	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	188801	46.153	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	182145	66.102	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	119927	47.390	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	127700	49.043	ng		98
46) 1,1'-Biphenyl	13.55	154	338226	45.160	ng		97
47) 2-Chloronaphthalene	13.60	162	282935	43.879	ng		98
48) 2-Nitroaniline	13.81	65	101999	43.192	ng		94
49) Acenaphthylene	14.44	152	445048	45.484	ng		100
50) Dimethylphthalate	14.17	163	382821	43.430	ng		99
51) 2,6-Dinitrotoluene	14.30	165	85565	46.037	ng		93
52) Acenaphthene	14.78	154	257420	44.803	ng		97
53) 3-Nitroaniline	14.64	138	51770	28.272	ng	#	95
54) 2,4-Dinitrophenol	14.84	184	97748	73.557	ng		95
55) Dibenzofuran	15.11	168	460435	46.091	ng		99
56) 4-Nitrophenol	14.94	139	128250	91.702	ng		97
57) 2,4-Dinitrotoluene	15.08	165	123315	45.388	ng		96
58) Fluorene	15.76	166	360077	45.821	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	133080	49.423	ng	#	98
60) Diethylphthalate	15.52	149	384726	42.941	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	228310	44.654	ng		97
62) 4-Nitroaniline	15.80	138	81964	41.850	ng		97
63) Azobenzene	16.04	77	363721	45.506	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	71547	41.768	ng		97
66) n-Nitrosodiphenylamine	15.96	169	328892	46.935	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	150516	44.109	ng		96
68) Hexachlorobenzene	16.76	284	158738	43.441	ng		98
70) Pentachlorophenol	17.11	266	182289	97.423	ng		94
71) Phenanthrene	17.51	178	633337	44.997	ng		100
72) Anthracene	17.60	178	649182	46.784	ng		100
73) Carbazole	17.87	167	559138	46.063	ng		99
74) Di-n-butylphthalate	18.40	149	667343	44.061	ng		99
75) Fluoranthene	19.51	202	840802	44.965	ng		98
77) Benzidine	19.69	184	147922	22.047	ng		98
78) Pyrene	19.87	202	840298	44.918	ng		98
80) Butylbenzylphthalate	20.73	149	315949	44.651	ng		96
81) Benzo(a)anthracene	21.72	228	827567	44.062	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	177164	26.871	ng		98
83) Chrysene	21.79	228	804723	44.553	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	433900	44.996	ng		98
85) Di-n-octyl phthalate	22.82	149	748519	45.880	ng		100
86) Indeno(1,2,3-cd)pyrene	28.86	276	947964	44.237	ng		99
88) Benzo(b)fluoranthene	23.99	252	839219	50.327	ng		100
89) Benzo(k)fluoranthene	24.06	252	820173	49.650	ng		100
90) Benzo(a)pyrene	24.90	252	806901	51.237	ng		99
91) Dibenzo(a,h)anthracene	28.92	278	788465	49.731	ng		100
92) Benzo(g,h,i)perylene	30.06	276	745631	47.589	ng		97

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

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