Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042427.D
Acq On : 23 Aug 2019 10:25
Operator : HP/JU
Sample : PB122408BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122408BS

Manual Integrations APPROVED
Jagrut
8/26/2019 2:01:33 PM

Quant Time: Aug 23 17:40:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	101470	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	414116	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	265318	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	543032	20.00	ng		0.00
76) Chrysene-d12	21.70	240	442065	20.00	ng		0.00
87) Perylene-d12	24.94	264	527651	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	744980	148.69	ng		0.00
7) Phenol-d6	7.17	99	922137	136.26	ng		0.00
23) Nitrobenzene-d5	9.17	82	463472	77.34	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	376278	99.78	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1191559	75.96	ng		0.00
79) Terphenyl-d14	20.03	244	1549046	75.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	97360	46.565	ng		97
3) Pyridine	3.82	79	236987	44.203	ng		97
4) n-Nitrosodimethylamine	3.73	42	91039	47.543	ng	#	77
6) Aniline	7.32	93	370513	41.047	ng		99
8) 2-Chlorophenol	7.57	128	325809	53.658	ng		97
9) Benzaldehyde	7.13	77	214272	63.242	ng		96
10) Phenol	7.20	94	372528	54.139	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	281747	52.137	ng		100
12) 1,3-Dichlorobenzene	7.89	146	353150	45.720	ng		100
13) 1,4-Dichlorobenzene	8.04	146	361173	46.162	ng		96
14) 1,2-Dichlorobenzene	8.36	146	339061	45.252	ng		99
15) Benzyl Alcohol	8.25	79	232007	47.651	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	364674	49.788	ng		99
17) 2-Methylphenol	8.46	107	264031	52.096	ng		94
18) Hexachloroethane	9.09	117	121125	45.221	ng		92
19) n-Nitroso-di-n-propylamine	8.81	70	207413	47.307	ng		99
20) 3+4-Methylphenols	8.79	107	359857	51.313	ng		97
22) Acetophenone	8.83	105	432102	48.785	ng		98
24) Nitrobenzene	9.21	77	295628	48.716	ng		98
25) Isophorone	9.74	82	566244	47.879	ng		97
26) 2-Nitrophenol	9.93	139	186814	49.125	ng		96
27) 2,4-Dimethylphenol	10.00	122	297504	56.792	ng		95
28) bis(2-Chloroethoxy)methane	10.22	93	372433	49.964	ng		99
29) 2,4-Dichlorophenol	10.48	162	324914	47.407	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	348493	41.425	ng		98
31) Naphthalene	10.87	128	911594	47.414	ng		99
32) Benzoic acid	10.15	122	164141	43.996	ng		98
33) 4-Chloroaniline	10.98	127	227345	25.615	ng		99
34) Hexachlorobutadiene	11.17	225	208335	36.849	ng		98
35) Caprolactam	11.75	113	103463m	45.241	ng		
36) 4-Chloro-3-methylphenol	12.12	107	299001	45.956	ng		96
37) 2-Methylnaphthalene	12.49	142	697519	45.182	ng		97
38) 1-Methylnaphthalene	12.71	142	650376	44.352	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	375576	44.080	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	438885	98.061	ng		100
43) 2,4,6-Trichlorophenol	13.10	196	264954	46.006	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	279779	46.879	ng	#	94
46) 1,1'-Biphenyl	13.49	154	868793	50.657	ng		98
47) 2-Chloronaphthalene	13.54	162	691706	46.774	ng		97
48) 2-Nitroaniline	13.74	65	168689	47.304	ng		97
49) Acenaphthylene	14.39	152	1069248	48.060	ng		97
50) Dimethylphthalate	14.12	163	831964	43.459	ng		99
51) 2,6-Dinitrotoluene	14.23	165	206086	46.444	ng		98
52) Acenaphthene	14.73	154	633834	46.918	ng		99
53) 3-Nitroaniline	14.57	138	149035	33.583	ng		95
54) 2,4-Dinitrophenol	14.78	184	208772	70.594	ng		95
55) Dibenzofuran	15.06	168	1012471	45.276	ng		98
56) 4-Nitrophenol	14.89	139	328379	104.136	ng		92
57) 2,4-Dinitrotoluene	15.03	165	282700	44.490	ng		95
58) Fluorene	15.71	166	815566	44.616	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	249287m	42.238	ng		
60) Diethylphthalate	15.48	149	806392	43.090	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	448896	40.737	ng		97
62) 4-Nitroaniline	15.73	138	221777	46.694	ng		90
63) Azobenzene	16.00	77	636692	49.651	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	170310	50.024	ng		91
66) n-Nitrosodiphenylamine	15.92	169	757952	50.754	ng		96
67) 4-Bromophenyl-phenylether	16.60	248	297937	43.255	ng		99
68) Hexachlorobenzene	16.72	284	306539	40.938	ng	#	92
69) Atrazine	16.87	200	259585	49.154	ng		98
70) Pentachlorophenol	17.07	266	367299	94.409	ng		99
71) Phenanthrene	17.46	178	1265817	46.928	ng		96
72) Anthracene	17.55	178	1306611	48.523	ng		96
73) Carbazole	17.82	167	1206444	50.271	ng		98
74) Di-n-butylphthalate	18.38	149	1338468	47.181	ng		97
75) Fluoranthene	19.47	202	1335957	40.583	ng		96
77) Benzidine	19.64	184	877724	69.253	ng		98
78) Pyrene	19.83	202	1346866	49.695	ng		97
80) Butylbenzylphthalate	20.71	149	525166	49.265	ng		98
81) Benzo(a)anthracene	21.68	228	1257529	46.763	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	356091	32.925	ng	#	98
83) Chrysene	21.74	228	1217600	46.949	ng		96
84) Bis(2-ethylhexyl)phthalate	21.58	149	724109	48.923	ng		100
85) Di-n-octyl phthalate	22.79	149	1282861	50.394	ng		100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1614929	45.821	ng		98
88) Benzo(b)fluoranthene	23.92	252	1399709	48.252	ng	#	99
89) Benzo(k)fluoranthene	23.98	252	1336316m	47.926	ng		
90) Benzo(a)pyrene	24.79	252	1367914	49.695	ng	#	97
91) Dibenzo(a,h)anthracene	28.72	278	1325001	47.541	ng		97
92) Benzo(g,h,i)perylene	29.82	276	1253027	44.952	ng		98

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

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