Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
Data File : BG042499.D
Acq On : 26 Aug 2019 14:23
Operator : HP/JU
Sample : PB122533BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122533BS

Manual Integrations APPROVED
JAGRUT
8/27/2019 7:51:38 AM

Quant Time: Aug 27 02:08:47 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	42672	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	173148	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	124833	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	281863	20.00	ng		0.00
76) Chrysene-d12	21.69	240	308165	20.00	ng		0.00
87) Perylene-d12	24.93	264	355671	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	272289	129.23	ng		0.00
7) Phenol-d6	7.17	99	345395	121.36	ng		0.00
23) Nitrobenzene-d5	9.17	82	176222	70.33	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	187663	105.77	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	533427	72.27	ng		0.00
79) Terphenyl-d14	20.02	244	999423	70.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	37696	42.872	ng		100
3) Pyridine	3.82	79	80514	35.710	ng		98
4) n-Nitrosodimethylamine	3.73	42	34915	43.357	ng	#	92
6) Aniline	7.32	93	128722	33.910	ng		99
8) 2-Chlorophenol	7.57	128	119481	46.792	ng		99
9) Benzaldehyde	7.12	77	72509	50.889	ng		97
10) Phenol	7.20	94	136903	47.311	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	101335	44.590	ng		99
12) 1,3-Dichlorobenzene	7.89	146	134807	41.500	ng		97
13) 1,4-Dichlorobenzene	8.04	146	136533	41.495	ng		96
14) 1,2-Dichlorobenzene	8.35	146	129727	41.170	ng		98
15) Benzyl Alcohol	8.24	79	87939	42.948	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	127461	41.381	ng		98
17) 2-Methylphenol	8.45	107	95496	44.805	ng		97
18) Hexachloroethane	9.09	117	45995	40.833	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	76184	41.319	ng		98
20) 3+4-Methylphenols	8.78	107	131742	44.670	ng		99
22) Acetophenone	8.82	105	165794	44.769	ng		98
24) Nitrobenzene	9.21	77	112381	44.292	ng		98
25) Isophorone	9.73	82	208871	42.240	ng		97
26) 2-Nitrophenol	9.93	139	70801	44.528	ng		100
27) 2,4-Dimethylphenol	9.99	122	111535	50.923	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	135428	43.453	ng		98
29) 2,4-Dichlorophenol	10.47	162	130170	45.424	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	144695	41.137	ng		96
31) Naphthalene	10.87	128	356474	44.344	ng		99
32) Benzoic acid	10.14	122	55372	37.075	ng		99
33) 4-Chloroaniline	10.98	127	90091	24.277	ng		98
34) Hexachlorobutadiene	11.16	225	93253	39.448	ng		98
35) Caprolactam	11.75	113	39269m	41.068	ng		
36) 4-Chloro-3-methylphenol	12.11	107	118001	43.377	ng		97
37) 2-Methylnaphthalene	12.48	142	277534	42.996	ng		97
38) 1-Methylnaphthalene	12.70	142	263726	43.014	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	174519	43.534	ng		99

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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	12.83	237	203114	96.455	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	115591	42.658	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	124169	44.219	ng		97
46) 1,1'-Biphenyl	13.49	154	362348	44.904	ng		98
47) 2-Chloronaphthalene	13.53	162	294451	42.319	ng		98
48) 2-Nitroaniline	13.73	65	68383	40.757	ng		99
49) Acenaphthylene	14.38	152	463216	44.251	ng		100
50) Dimethylphthalate	14.11	163	369810	41.057	ng		100
51) 2,6-Dinitrotoluene	14.23	165	88618	42.446	ng		97
52) Acenaphthene	14.72	154	271576	42.726	ng		100
53) 3-Nitroaniline	14.56	138	59620	28.554	ng		98
54) 2,4-Dinitrophenol	14.77	184	94147	67.922	ng		97
55) Dibenzofuran	15.06	168	460064	43.726	ng		99
56) 4-Nitrophenol	14.89	139	130198	87.754	ng		97
57) 2,4-Dinitrotoluene	15.02	165	125008	41.813	ng		95
58) Fluorene	15.71	166	369363	42.946	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	119712m	43.110	ng		
60) Diethylphthalate	15.47	149	360629	40.957	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	213309	41.143	ng		99
62) 4-Nitroaniline	15.73	138	88521	39.613	ng		96
63) Azobenzene	15.99	77	259315	42.980	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	77164	43.666	ng		98
66) n-Nitrosodiphenylamine	15.91	169	337339	43.519	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	144635	40.455	ng		99
68) Hexachlorobenzene	16.73	284	150305	38.673	ng		98
69) Atrazine	16.86	200	124536	45.432	ng		97
70) Pentachlorophenol	17.07	266	175971	87.141	ng		97
71) Phenanthrene	17.45	178	620439	44.315	ng		99
72) Anthracene	17.55	178	626165	44.800	ng		99
73) Carbazole	17.81	167	561104	45.044	ng		99
74) Di-n-butylphthalate	18.37	149	649896	44.136	ng		100
75) Fluoranthene	19.47	202	800019	46.821	ng		99
77) Benzidine	19.64	184	449374	50.862	ng		99
78) Pyrene	19.83	202	819379	43.368	ng		99
80) Butylbenzylphthalate	20.71	149	321513	43.265	ng		100
81) Benzo(a)anthracene	21.67	228	820418	43.764	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	247884	32.878	ng		99
83) Chrysene	21.74	228	787560	43.562	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	461815	44.759	ng		99
85) Di-n-octyl phthalate	22.79	149	805683	45.401	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1047640	42.641	ng	#	95
88) Benzo(b)fluoranthene	23.90	252	897908	45.921	ng		99
89) Benzo(k)fluoranthene	23.97	252	877930	46.711	ng		99
90) Benzo(a)pyrene	24.78	252	895553	48.266	ng		99
91) Dibenzo(a,h)anthracene	28.69	278	868222	46.215	ng		99
92) Benzo(g,h,i)perylene	29.79	276	877711	46.713	ng		98

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

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