Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042438.D
Acq On : 23 Aug 2019 18:08
Operator : HP/JU
Sample : K4086-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Manual Integrations APPROVED
Jagrut
8/26/2019 2:01:58 PM

Quant Time: Aug 24 02:15:48 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	8.01	152	110912	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	372884	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	234311	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	492563	20.00	ng	0.00
76) Chrysene-d12	21.70	240	429185	20.00	ng	0.00
87) Perylene-d12	24.95	264	528887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	790170	144.29	ng	0.00
7) Phenol-d6	7.17	99	845568	114.31	ng	0.00
23) Nitrobenzene-d5	9.18	82	529797	98.18	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	481244	144.50	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1292433	93.29	ng	0.00
79) Terphenyl-d14	20.03	244	1875940	94.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	89277	39.064	ng	# 63
3) Pyridine	3.84	79	210240	35.876	ng	94
4) n-Nitrosodimethylamine	3.74	42	85847	41.015	ng	79
6) Aniline	7.33	93	129156	13.091	ng	98
8) 2-Chlorophenol	7.57	128	273068	41.144	ng	98
9) Benzaldehyde	7.13	77	98805	26.679	ng	94
10) Phenol	7.20	94	270242	35.931	ng	96
11) bis(2-Chloroethyl)ether	7.42	93	243263	41.183	ng	99
12) 1,3-Dichlorobenzene	7.90	146	280076	33.172	ng	100
13) 1,4-Dichlorobenzene	8.04	146	304995	35.663	ng	97
14) 1,2-Dichlorobenzene	8.36	146	271464	33.146	ng	98
15) Benzyl Alcohol	8.25	79	199577	37.501	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	375205	46.865	ng	99
17) 2-Methylphenol	8.46	107	257914	46.557	ng	95
18) Hexachloroethane	9.09	117	90638	30.958	ng	94
19) n-Nitroso-di-n-propylamine	8.82	70	212975	44.440	ng	98
20) 3+4-Methylphenols	8.79	107	347338	45.311	ng	98
22) Acetophenone	8.83	105	438547	54.988	ng	98
24) Nitrobenzene	9.22	77	251750	46.073	ng	98
25) Isophorone	9.74	82	479204	44.999	ng	99
26) 2-Nitrophenol	9.93	139	156094	45.585	ng	99
27) 2,4-Dimethylphenol	10.00	122	271975	57.660	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	392584	58.491	ng	99
29) 2,4-Dichlorophenol	10.48	162	325714	52.778	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	302249	39.901	ng	98
31) Naphthalene	10.88	128	782612	45.206	ng	99
32) Benzoic acid	10.15	122	148725	44.220	ng	96
33) 4-Chloroaniline	11.00	127	50422	6.309	ng	97
34) Hexachlorobutadiene	11.17	225	184637	36.268	ng	99
35) Caprolactam	11.76	113	70658m	34.313	ng	
36) 4-Chloro-3-methylphenol	12.13	107	275355	47.002	ng	96
37) 2-Methylnaphthalene	12.49	142	714536	51.403	ng	98
38) 1-Methylnaphthalene	12.71	142	575568	43.591	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	341561	45.393	ng	99

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Quant Time: Aug 24 02:15:48 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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	128704	32.562	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	229897	45.201	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	240886	45.703	ng		96
46) 1,1'-Biphenyl	13.50	154	769021	50.774	ng		98
47) 2-Chloronaphthalene	13.54	162	589854	45.165	ng		96
48) 2-Nitroaniline	13.74	65	143080	45.432	ng		96
49) Acenaphthylene	14.39	152	1017959	51.809	ng		97
50) Dimethylphthalate	14.12	163	925421	54.738	ng		99
51) 2,6-Dinitrotoluene	14.24	165	224290	57.235	ng		97
52) Acenaphthene	14.73	154	542867	45.502	ng		99
53) 3-Nitroaniline	14.56	138	90016	22.968	ng		95
54) 2,4-Dinitrophenol	14.78	184	44814	21.898	ng		96
55) Dibenzofuran	15.06	168	879053	44.512	ng		98
56) 4-Nitrophenol	14.89	139	272490	97.847	ng		94
57) 2,4-Dinitrotoluene	15.03	165	247200	44.052	ng		98
58) Fluorene	15.72	166	738252	45.731	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	219865	42.182	ng	#	87
60) Diethylphthalate	15.48	149	682844	41.317	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	428128	43.994	ng		99
62) 4-Nitroaniline	15.73	138	139193	33.185	ng		94
63) Azobenzene	16.00	77	728712	64.347	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	36043	11.671	ng		96
66) n-Nitrosodiphenylamine	15.92	169	863755	63.765	ng		95
67) 4-Bromophenyl-phenylether	16.60	248	331312	53.028	ng		97
68) Hexachlorobenzene	16.73	284	335107	49.339	ng	#	91
69) Atrazine	16.87	200	298679	62.352	ng		99
70) Pentachlorophenol	17.07	266	375585	106.430	ng		97
71) Phenanthrene	17.46	178	1128303	46.116	ng		97
72) Anthracene	17.55	178	1162226	47.584	ng		97
73) Carbazole	17.82	167	1054649	48.449	ng		97
74) Di-n-butylphthalate	18.38	149	1124330	43.693	ng		99
75) Fluoranthene	19.47	202	1231044	41.228	ng		97
77) Benzidine	19.65	184	619530	50.348	ng		99
78) Pyrene	19.83	202	1267273	48.161	ng		96
80) Butylbenzylphthalate	20.72	149	512087	49.479	ng		98
81) Benzo(a)anthracene	21.68	228	1207129	46.236	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	356501	33.952	ng		98
83) Chrysene	21.74	228	1179280	46.836	ng		96
84) Bis(2-ethylhexyl)phthalate	21.58	149	705508	49.097	ng		100
85) Di-n-octyl phthalate	22.80	149	1221873	49.439	ng		100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1504697	43.974	ng		99
88) Benzo(b)fluoranthene	23.92	252	1295407	44.552	ng		98
89) Benzo(k)fluoranthene	23.98	252	1358157m	48.595	ng		
90) Benzo(a)pyrene	24.79	252	1309320	47.455	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	1277342	45.724	ng		97
92) Benzo(g,h,i)perylene	29.82	276	1159314	41.493	ng		97

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

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