Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042397.D
Acq On : 22 Aug 2019 10:20
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Jagrut
8/23/2019 2:54:04 PM

Quant Time: Aug 22 12:14:07 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 11:44:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60959	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	253181	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	188525	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	433383	20.00	ng	0.00
76) Chrysene-d12	21.69	240	435156	20.00	ng	0.00
87) Perylene-d12	24.94	264	526541	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	121213	40.29	ng	0.00
7) Phenol-d6	7.17	99	166081	40.64	ng	0.00
23) Nitrobenzene-d5	9.17	82	150162	41.71	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	108137	42.11	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	485290	43.56	ng	0.00
79) Terphenyl-d14	20.03	244	892963	44.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	25037	19.296	ng	98
3) Pyridine	3.83	79	63200	19.016	ng	95
4) n-Nitrosodimethylamine	3.74	42	22106	19.319	ng	92
6) Aniline	7.32	93	111243	20.628	ng	98
8) 2-Chlorophenol	7.57	128	75111	20.535	ng	98
9) Benzaldehyde	7.14	77	47616	20.716	ng	98
10) Phenol	7.19	94	83914	20.199	ng	96
11) bis(2-Chloroethyl)ether	7.42	93	65605	19.994	ng	99
12) 1,3-Dichlorobenzene	7.89	146	94243	20.245	ng	98
13) 1,4-Dichlorobenzene	8.04	146	96363	20.552	ng	98
14) 1,2-Dichlorobenzene	8.36	146	91623	20.477	ng	100
15) Benzyl Alcohol	8.25	79	58091	20.671	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	90451	19.990	ng	95
17) 2-Methylphenol	8.46	107	62101	20.217	ng	93
18) Hexachloroethane	9.10	117	32400	20.107	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	53667	20.419	ng	97
20) 3+4-Methylphenols	8.79	107	84793	19.953	ng	98
22) Acetophenone	8.83	105	111435	20.714	ng	99
24) Nitrobenzene	9.22	77	75801	20.666	ng	100
25) Isophorone	9.74	82	148099	20.574	ng	97
26) 2-Nitrophenol	9.93	139	46760	20.507	ng	92
27) 2,4-Dimethylphenol	10.00	122	64258	20.314	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	94147	20.305	ng	97
29) 2,4-Dichlorophenol	10.48	162	83421	19.834	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	106852	20.783	ng	97
31) Naphthalene	10.88	128	244954	20.878	ng	100
32) Benzoic acid	10.11	122	39299m	18.647	ng	
33) 4-Chloroaniline	10.98	127	111711	20.879	ng	99
34) Hexachlorobutadiene	11.17	225	71610	20.784	ng	99
35) Caprolactam	11.75	113	27455	20.481	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	80558	20.491	ng	99
37) 2-Methylnaphthalene	12.49	142	195338	20.769	ng	100
38) 1-Methylnaphthalene	12.71	142	185350	20.689	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	125100	20.587	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	59672	19.390	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	83204	20.457	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	86700	20.697	ng		93
46) 1,1'-Biphenyl	13.49	154	250858	20.395	ng		99
47) 2-Chloronaphthalene	13.54	162	217344	20.728	ng		98
48) 2-Nitroaniline	13.74	65	50849	20.518	ng		99
49) Acenaphthylene	14.39	152	330700	20.979	ng		99
50) Dimethylphthalate	14.11	163	286223	21.366	ng		100
51) 2,6-Dinitrotoluene	14.23	165	63191	20.155	ng		96
52) Acenaphthene	14.73	154	198393	20.631	ng		99
53) 3-Nitroaniline	14.56	138	63684	20.658	ng		99
54) 2,4-Dinitrophenol	14.78	184	31655	18.187	ng		96
55) Dibenzofuran	15.06	168	336648	21.493	ng		99
56) 4-Nitrophenol	14.89	139	43031	19.348	ng		97
57) 2,4-Dinitrotoluene	15.03	165	91070	20.776	ng		95
58) Fluorene	15.71	166	275287	21.605	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	86112m	21.166	ng		
60) Diethylphthalate	15.48	149	277448	21.407	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	162424	21.228	ng		99
62) 4-Nitroaniline	15.73	138	68683	21.083	ng		98
63) Azobenzene	16.00	77	189473	20.978	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	51507	19.478	ng		98
66) n-Nitrosodiphenylamine	15.92	169	251681	20.754	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	112798	20.452	ng		100
68) Hexachlorobenzene	16.72	284	123942	20.979	ng		96
69) Atrazine	16.87	200	96083	23.115	ng		99
70) Pentachlorophenol	17.07	266	58694	18.664	ng		96
71) Phenanthrene	17.46	178	466095	21.594	ng		99
72) Anthracene	17.55	178	463772	21.544	ng		99
73) Carbazole	17.82	167	412123	21.552	ng		99
74) Di-n-butylphthalate	18.38	149	489853	21.961	ng		100
75) Fluoranthene	19.47	202	585716	22.503	ng		98
77) Benzidine	19.64	184	283104	24.537	ng		98
78) Pyrene	19.83	202	584643	21.835	ng		99
80) Butylbenzylphthalate	20.71	149	217846	20.528	ng		99
81) Benzo(a)anthracene	21.67	228	565669	21.168	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	230740	21.693	ng		97
83) Chrysene	21.74	228	549635	21.500	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	305621	20.655	ng		98
85) Di-n-octyl phthalate	22.80	149	525484	20.820	ng		100
86) Indeno(1,2,3-cd)pyrene	28.64	276	703720	20.617	ng	#	98
88) Benzo(b)fluoranthene	23.91	252	598929	20.695	ng		99
89) Benzo(k)fluoranthene	23.97	252	599566	21.193	ng		98
90) Benzo(a)pyrene	24.79	252	569665	20.542	ng		100
91) Dibenzo(a,h)anthracene	28.70	278	576713	20.846	ng		99
92) Benzo(g,h,i)perylene	29.80	276	566619	20.553	ng		98

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

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