Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
Data File : BG044900.D
Acq On : 19 Mar 2020 16:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/20/2020 11:47:59 AM

Quant Time: Mar 20 01:32:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	86886	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	332298	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	221875	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	496039	20.00	ng		0.00
76) Chrysene-d12	21.69	240	450846	20.00	ng		0.00
87) Perylene-d12	24.89	264	545436	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	417807	74.86	ng		0.00
7) Phenol-d6	7.20	99	590289	72.79	ng		0.00
23) Nitrobenzene-d5	9.20	82	569999	75.27	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	243215	83.72	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1179726	76.14	ng		0.00
79) Terphenyl-d14	20.03	244	1764847	73.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	100171	37.269	ng		94
3) Pyridine	3.92	79	279586	35.138	ng		97
4) n-Nitrosodimethylamine	3.83	42	112794	37.362	ng		94
6) Aniline	7.36	93	350278	34.713	ng		99
8) 2-Chlorophenol	7.61	128	205441	36.872	ng		96
9) Benzaldehyde	7.17	77	163479	31.016	ng		96
10) Phenol	7.23	94	286124	35.638	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	217280	33.910	ng		96
12) 1,3-Dichlorobenzene	7.94	146	253556	36.942	ng		96
13) 1,4-Dichlorobenzene	8.08	146	251089	37.004	ng		98
14) 1,2-Dichlorobenzene	8.40	146	234784	36.483	ng		97
15) Benzyl Alcohol	8.28	79	228670	35.145	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	341442	30.196	ng		99
17) 2-Methylphenol	8.48	107	197435	36.304	ng		96
18) Hexachloroethane	9.14	117	97027	36.320	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	188614	32.939	ng		97
20) 3+4-Methylphenols	8.81	107	263076	35.092	ng		98
22) Acetophenone	8.86	105	330395	35.096	ng	#	98
24) Nitrobenzene	9.24	77	281990	35.888	ng		99
25) Isophorone	9.77	82	500543	33.867	ng		99
26) 2-Nitrophenol	9.96	139	117056	43.496	ng		93
27) 2,4-Dimethylphenol	10.02	122	170474	35.419	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	305482	34.634	ng		96
29) 2,4-Dichlorophenol	10.49	162	214364	38.132	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	257292	38.277	ng		95
31) Naphthalene	10.90	128	667661	36.271	ng		99
32) Benzoic acid	10.15	122	124571	36.200	ng		97
33) 4-Chloroaniline	11.00	127	290012	34.969	ng		98
34) Hexachlorobutadiene	11.20	225	173597	39.271	ng		97
35) Caprolactam	11.77	113	78688	36.969	ng		94
36) 4-Chloro-3-methylphenol	12.12	107	237818	35.470	ng		96
37) 2-Methylnaphthalene	12.50	142	491303	35.680	ng		95
38) 1-Methylnaphthalene	12.73	142	462891	35.757	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	275878	37.755	ng		99

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Quant Time: Mar 20 01:32:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	155370	38.907	ng		96
43) 2,4,6-Trichlorophenol	13.11	196	194046	40.015	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	201249	40.017	ng		98
46) 1,1'-Biphenyl	13.51	154	647861	36.539	ng		98
47) 2-Chloronaphthalene	13.55	162	495566	36.588	ng		97
48) 2-Nitroaniline	13.74	65	184485	38.905	ng		93
49) Acenaphthylene	14.39	152	772604	36.410	ng		99
50) Dimethylphthalate	14.12	163	644477	36.470	ng		98
51) 2,6-Dinitrotoluene	14.24	165	142469	39.997	ng		96
52) Acenaphthene	14.74	154	522315	37.585	ng		99
53) 3-Nitroaniline	14.57	138	153293	37.432	ng		95
54) 2,4-Dinitrophenol	14.77	184	74938	44.395	ng	#	90
55) Dibenzofuran	15.08	168	743334	36.886	ng		99
56) 4-Nitrophenol	14.87	139	120472	38.546	ng		94
57) 2,4-Dinitrotoluene	15.03	165	203766	41.711	ng		96
58) Fluorene	15.72	166	610577	36.832	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	187300m	40.453	ng		
60) Diethylphthalate	15.49	149	663265	35.986	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	336132	37.656	ng		99
62) 4-Nitroaniline	15.73	138	160662	36.792	ng		93
63) Azobenzene	16.01	77	643109	33.601	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	103693	44.998	ng		96
66) n-Nitrosodiphenylamine	15.93	169	535802	35.878	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	231238	37.289	ng		98
68) Hexachlorobenzene	16.73	284	257287	38.243	ng		97
69) Atrazine	16.87	200	194983	35.636	ng		99
70) Pentachlorophenol	17.07	266	150545	40.670	ng		97
71) Phenanthrene	17.46	178	983099	37.088	ng		99
72) Anthracene	17.56	178	955195	36.544	ng		100
73) Carbazole	17.81	167	918038	36.565	ng		99
74) Di-n-butylphthalate	18.38	149	1129064	36.993	ng		100
75) Fluoranthene	19.47	202	1213852	38.460	ng		99
77) Benzidine	19.64	184	561670	38.375	ng		99
78) Pyrene	19.83	202	1200978	36.308	ng		99
80) Butylbenzylphthalate	20.72	149	534753	36.340	ng		98
81) Benzo(a)anthracene	21.67	228	1205815	37.143	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	470000	37.423	ng		99
83) Chrysene	21.73	228	1135170	36.606	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	724041	35.651	ng		97
85) Di-n-octyl phthalate	22.81	149	1249897	36.778	ng		99
86) Indeno(1,2,3-cd)pyrene	28.53	276	1527832	37.580	ng	#	98
88) Benzo(b)fluoranthene	23.88	252	1295380	35.974	ng		99
89) Benzo(k)fluoranthene	23.95	252	1226146	35.982	ng		100
90) Benzo(a)pyrene	24.74	252	1221581	36.256	ng		97
91) Dibenzo(a,h)anthracene	28.61	278	1210955	36.430	ng		96
92) Benzo(g,h,i)perylene	29.67	276	1203356	35.832	ng		97

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

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