Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040892.D
Acq On : 12 May 2019 4:04
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/14/2019 8:01:47 PM

Quant Time: May 13 04:32:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	58612	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	252206	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	188663	20.00	ng		-0.03
64) Phenanthrene-d10	17.51	188	492990	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	495199	20.00	ng		-0.04
87) Perylene-d12	25.14	264	547712	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	262976	79.09	ng		-0.02
7) Phenol-d6	7.27	99	399860	78.10	ng		-0.02
23) Nitrobenzene-d5	9.32	82	464367	85.08	ng		-0.02
42) 2,4,6-Tribromophenol	16.25	330	242164	93.38	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	1043817	79.90	ng		-0.03
79) Terphenyl-d14	20.10	244	1855440	83.01	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	56865	37.605	ng		88
3) Pyridine	3.94	79	167452	38.205	ng		98
4) n-Nitrosodimethylamine	3.86	42	89251	36.712	ng	#	85
6) Aniline	7.46	93	254775	37.546	ng		99
8) 2-Chlorophenol	7.69	128	158459	39.030	ng		96
9) Benzaldehyde	7.27	77	121561	39.425	ng		94
10) Phenol	7.30	94	215454	39.150	ng		100
11) bis(2-Chloroethyl)ether	7.55	93	156178	37.845	ng		96
12) 1,3-Dichlorobenzene	8.02	146	178159	40.204	ng		97
13) 1,4-Dichlorobenzene	8.17	146	175548	39.078	ng		98
14) 1,2-Dichlorobenzene	8.49	146	173208	39.981	ng		95
15) Benzyl Alcohol	8.37	79	188784	35.439	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	264515m	32.194	ng		
17) 2-Methylphenol	8.56	107	150608	38.671	ng		97
18) Hexachloroethane	9.22	117	70624	38.325	ng		98
19) n-Nitroso-di-n-propylamine	8.94	70	162956	35.360	ng		92
20) 3+4-Methylphenols	8.89	107	208586	38.446	ng		98
22) Acetophenone	8.96	105	281473	40.135	ng	#	95
24) Nitrobenzene	9.36	77	244011	41.900	ng		98
25) Isophorone	9.87	82	455388	37.455	ng		99
26) 2-Nitrophenol	10.07	139	104239	49.934	ng		99
27) 2,4-Dimethylphenol	10.10	122	156183	39.875	ng		97
28) bis(2-Chloroethoxy)methane	10.36	93	230355	37.763	ng		96
29) 2,4-Dichlorophenol	10.59	162	189469	42.550	ng		93
30) 1,2,4-Trichlorobenzene	10.81	180	215867	43.716	ng		98
31) Naphthalene	11.01	128	541053	40.380	ng		100
32) Benzoic acid	10.24	122	131322	48.976	ng		93
33) 4-Chloroaniline	11.11	127	237231	39.933	ng		96
34) Hexachlorobutadiene	11.27	225	170067	46.651	ng		94
35) Caprolactam	11.91	113	70257	39.963	ng	#	80
36) 4-Chloro-3-methylphenol	12.22	107	234897	41.816	ng		96
37) 2-Methylnaphthalene	12.60	142	407959	40.722	ng		96
38) 1-Methylnaphthalene	12.82	142	395711	40.411	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	299218	42.574	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
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	12.93	237	161985	39.059	ng		98
43) 2,4,6-Trichlorophenol	13.19	196	189865	44.704	ng		96
44) 2,4,5-Trichlorophenol	13.27	196	203404	43.963	ng		97
46) 1,1'-Biphenyl	13.60	154	568780	38.830	ng		97
47) 2-Chloronaphthalene	13.65	162	460618	40.182	ng		97
48) 2-Nitroaniline	13.85	65	177393	43.473	ng		98
49) Acenaphthylene	14.49	152	741024	38.101	ng		99
50) Dimethylphthalate	14.22	163	630088	39.917	ng		99
51) 2,6-Dinitrotoluene	14.34	165	138669	45.011	ng		89
52) Acenaphthene	14.83	154	423987	37.434	ng		96
53) 3-Nitroaniline	14.67	138	139385	44.157	ng	#	91
54) 2,4-Dinitrophenol	14.87	184	86378	52.369	ng		89
55) Dibenzofuran	15.16	168	735295	39.635	ng		99
56) 4-Nitrophenol	14.96	139	113571	41.493	ng		94
57) 2,4-Dinitrotoluene	15.13	165	203740	48.669	ng	#	89
58) Fluorene	15.81	166	587440	39.177	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	211206	45.354	ng	#	93
60) Diethylphthalate	15.56	149	634295	38.085	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	366665	42.044	ng		97
62) 4-Nitroaniline	15.84	138	151230	42.829	ng		94
63) Azobenzene	16.09	77	601094	35.046	ng		96
65) 4,6-Dinitro-2-methylphenol	15.88	198	124165	50.655	ng		93
66) n-Nitrosodiphenylamine	16.01	169	533474	36.780	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	249085	40.555	ng		90
68) Hexachlorobenzene	16.80	284	261027	41.101	ng		95
69) Atrazine	16.95	200	196277	34.156	ng		99
70) Pentachlorophenol	17.14	266	162989	43.858	ng		99
71) Phenanthrene	17.55	178	1000517	37.679	ng		99
72) Anthracene	17.64	178	998822	37.422	ng		98
73) Carbazole	17.91	167	905963	37.256	ng		99
74) Di-n-butylphthalate	18.45	149	1058414	36.061	ng		100
75) Fluoranthene	19.55	202	1296454	39.179	ng		99
77) Benzidine	19.73	184	487469	35.952	ng		99
78) Pyrene	19.91	202	1299014	41.854	ng		98
80) Butylbenzylphthalate	20.78	149	492986	40.754	ng		94
81) Benzo(a)anthracene	21.77	228	1319270	42.153	ng		100
82) 3,3'-Dichlorobenzidine	21.68	252	481734	43.185	ng		98
83) Chrysene	21.84	228	1249276	41.972	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	680585	38.976	ng		97
85) Di-n-octyl phthalate	22.89	149	1143449	38.882	ng		96
86) Indeno(1,2,3-cd)pyrene	28.99	276	1567573	43.560	ng	#	87
88) Benzo(b)fluoranthene	24.06	252	1304911	38.988	ng		99
89) Benzo(k)fluoranthene	24.14	252	1239442m	39.653	ng		
90) Benzo(a)pyrene	24.98	252	1249658	39.444	ng		98
91) Dibenzo(a,h)anthracene	29.06	278	1265656	39.476	ng		97
92) Benzo(g,h,i)perylene	30.20	276	1261866	39.546	ng		97

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

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