Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
Data File : BG040454.D
Acq On : 12 Apr 2019 10:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/15/2019 12:30:06 AM

Quant Time: Apr 12 23:39:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	56357	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	239772	20.00	ng		-0.03
39) Acenaphthene-d10	14.68	164	154326	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	423977	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	428415	20.00	ng		-0.03
87) Perylene-d12	24.97	264	447819	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	268721	79.27	ng		-0.02
7) Phenol-d6	7.20	99	367648	78.47	ng		-0.03
23) Nitrobenzene-d5	9.22	82	339107	75.17	ng		-0.03
42) 2,4,6-Tribromophenol	16.16	330	148056	88.77	ng		-0.03
45) 2-Fluorobiphenyl	13.30	172	769860	73.92	ng		-0.03
79) Terphenyl-d14	20.02	244	1370318	71.96	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	63130	39.603	ng		99
3) Pyridine	3.90	79	171840	40.038	ng		99
4) n-Nitrosodimethylamine	3.82	42	75046	37.800	ng	#	80
6) Aniline	7.37	93	229388	37.685	ng		99
8) 2-Chlorophenol	7.60	128	152051	38.315	ng		97
9) Benzaldehyde	7.19	77	106771	33.223	ng		94
10) Phenol	7.23	94	195112	38.367	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	152291	37.390	ng		97
12) 1,3-Dichlorobenzene	7.93	146	163552	37.913	ng		98
13) 1,4-Dichlorobenzene	8.08	146	163684	38.096	ng		96
14) 1,2-Dichlorobenzene	8.40	146	152912	37.216	ng		98
15) Benzyl Alcohol	8.29	79	131756	34.919	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	278146	35.582	ng		97
17) 2-Methylphenol	8.48	107	127267	36.166	ng		97
18) Hexachloroethane	9.12	117	59323	36.298	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	115777	34.466	ng		98
20) 3+4-Methylphenols	8.81	107	177266	37.185	ng		99
22) Acetophenone	8.87	105	221837	37.090	ng	#	96
24) Nitrobenzene	9.26	77	177965	38.098	ng		98
25) Isophorone	9.77	82	334084	35.994	ng		99
26) 2-Nitrophenol	9.97	139	85471	38.615	ng		98
27) 2,4-Dimethylphenol	10.02	122	127179	36.173	ng		94
28) bis(2-Chloroethoxy)methane	10.25	93	199325	36.299	ng		99
29) 2,4-Dichlorophenol	10.50	162	146460	38.378	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	156216	37.280	ng		97
31) Naphthalene	10.91	128	466203	37.933	ng		99
32) Benzoic acid	10.17	122	69682m	32.803	ng		
33) 4-Chloroaniline	11.02	127	207360	39.555	ng		98
34) Hexachlorobutadiene	11.17	225	96861	36.143	ng		99
35) Caprolactam	11.82	113	63010	41.606	ng		94
36) 4-Chloro-3-methylphenol	12.13	107	179921	41.010	ng		99
37) 2-Methylnaphthalene	12.51	142	341104	37.527	ng		99
38) 1-Methylnaphthalene	12.73	142	332858	37.764	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	172882	35.246	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	126185	46.853	ng		95
43) 2,4,6-Trichlorophenol	13.11	196	120070	37.968	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	132937	38.566	ng		97
46) 1,1'-Biphenyl	13.51	154	451632	37.038	ng		99
47) 2-Chloronaphthalene	13.56	162	348487	37.258	ng		97
48) 2-Nitroaniline	13.77	65	131008	41.524	ng		95
49) Acenaphthylene	14.40	152	614601	38.755	ng		100
50) Dimethylphthalate	14.13	163	477034	39.496	ng		99
51) 2,6-Dinitrotoluene	14.26	165	114757	42.315	ng		96
52) Acenaphthene	14.74	154	348101	38.307	ng		98
53) 3-Nitroaniline	14.60	138	124817	43.479	ng		89
54) 2,4-Dinitrophenol	14.80	184	62523	43.350	ng		93
55) Dibenzofuran	15.07	168	583117	39.935	ng		98
56) 4-Nitrophenol	14.90	139	89733	38.730	ng		99
57) 2,4-Dinitrotoluene	15.04	165	169323	44.933	ng		99
58) Fluorene	15.72	166	472602	41.167	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	132620	42.398	ng		99
60) Diethylphthalate	15.48	149	515895	41.741	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	243632	39.702	ng		98
62) 4-Nitroaniline	15.76	138	140428	45.582	ng		96
63) Azobenzene	16.00	77	483215	41.448	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	89131	37.419	ng		96
66) n-Nitrosodiphenylamine	15.93	169	439863	35.454	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	168834	35.386	ng		99
68) Hexachlorobenzene	16.72	284	172706	36.001	ng		95
69) Atrazine	16.87	200	172523	37.381	ng		97
70) Pentachlorophenol	17.07	266	115073	41.490	ng		98
71) Phenanthrene	17.46	178	840189	37.702	ng		98
72) Anthracene	17.56	178	845330	37.898	ng		100
73) Carbazole	17.83	167	820312	38.860	ng		99
74) Di-n-butylphthalate	18.36	149	974953	38.963	ng		100
75) Fluoranthene	19.47	202	1039227	39.382	ng		100
77) Benzidine	19.65	184	641506	41.466	ng		98
78) Pyrene	19.83	202	1045663	37.116	ng		99
80) Butylbenzylphthalate	20.70	149	461785	38.305	ng		96
81) Benzo(a)anthracene	21.68	228	993774	37.660	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	387502	38.603	ng		100
83) Chrysene	21.74	228	950863	37.494	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	664908	38.583	ng		99
85) Di-n-octyl phthalate	22.76	149	1106702	37.693	ng		99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1159207	37.373	ng	#	91
88) Benzo(b)fluoranthene	23.93	252	1012254	36.920	ng		98
89) Benzo(k)fluoranthene	23.99	252	959849	38.069	ng		98
90) Benzo(a)pyrene	24.82	252	975705	37.929	ng		97
91) Dibenzo(a,h)anthracene	28.80	278	902044	37.755	ng		99
92) Benzo(g,h,i)perylene	29.91	276	917440	37.365	ng		97

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

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