Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
Data File : BG040764.D
Acq On : 7 May 2019 11:30
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 07 15:05:04 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	8.15	152	53997	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	229858	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	172171	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	429826	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	421750	20.00	ng		-0.02
87) Perylene-d12	25.15	264	441135	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	253343	82.71	ng		-0.02
7) Phenol-d6	7.28	99	388170	82.30	ng		-0.01
23) Nitrobenzene-d5	9.32	82	440833	88.62	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	209590	88.56	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	968946	81.28	ng		-0.02
79) Terphenyl-d14	20.11	244	1671582	87.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	55732	40.006	ng		90
3) Pyridine	3.95	79	163484	40.487	ng		96
4) n-Nitrosodimethylamine	3.87	42	86479	38.612	ng	#	87
6) Aniline	7.47	93	240209	38.425	ng		98
8) 2-Chlorophenol	7.70	128	149982	40.099	ng		96
9) Benzaldehyde	7.28	77	116650	41.731	ng		93
10) Phenol	7.31	94	209027	41.229	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	149485	39.319	ng		99
12) 1,3-Dichlorobenzene	8.03	146	168353	41.238	ng		95
13) 1,4-Dichlorobenzene	8.18	146	170671	41.239	ng		97
14) 1,2-Dichlorobenzene	8.50	146	161697	40.514	ng		99
15) Benzyl Alcohol	8.38	79	184713	37.639	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	258503	34.152	ng		96
17) 2-Methylphenol	8.57	107	141054	39.313	ng		96
18) Hexachloroethane	9.23	117	64408	37.939	ng		89
19) n-Nitroso-di-n-propylamine	8.95	70	155162	36.546	ng		95
20) 3+4-Methylphenols	8.91	107	201277	40.269	ng		98
22) Acetophenone	8.98	105	267448	41.843	ng	#	98
24) Nitrobenzene	9.36	77	230103	43.353	ng		97
25) Isophorone	9.88	82	431603	38.950	ng		99
26) 2-Nitrophenol	10.07	139	97701	51.352	ng		96
27) 2,4-Dimethylphenol	10.12	122	149736	41.946	ng		95
28) bis(2-Chloroethoxy)methane	10.36	93	223511	40.203	ng		99
29) 2,4-Dichlorophenol	10.60	162	182427	44.952	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	200696	44.595	ng		97
31) Naphthalene	11.02	128	507291	41.542	ng		100
32) Benzoic acid	10.23	122	107708	44.075	ng	#	86
33) 4-Chloroaniline	11.13	127	227374	41.995	ng		96
34) Hexachlorobutadiene	11.28	225	150227	45.215	ng		97
35) Caprolactam	11.92	113	64521	40.269	ng		92
36) 4-Chloro-3-methylphenol	12.22	107	220661	43.101	ng		99
37) 2-Methylnaphthalene	12.61	142	383385	41.990	ng		99
38) 1-Methylnaphthalene	12.83	142	373396	41.840	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	273282	42.608	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	158833	41.968	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	165505	42.701	ng		97
44) 2,4,5-Trichlorophenol	13.28	196	185338	43.896	ng		97
46) 1,1'-Biphenyl	13.61	154	529260	39.593	ng		96
47) 2-Chloronaphthalene	13.66	162	426736	40.792	ng		98
48) 2-Nitroaniline	13.86	65	168439	45.233	ng		96
49) Acenaphthylene	14.50	152	693541	39.075	ng		99
50) Dimethylphthalate	14.22	163	573934	39.842	ng		99
51) 2,6-Dinitrotoluene	14.35	165	128085	45.558	ng		93
52) Acenaphthene	14.84	154	401226	38.817	ng		95
53) 3-Nitroaniline	14.68	138	127856	44.384	ng	#	98
54) 2,4-Dinitrophenol	14.88	184	57046	39.837	ng		91
55) Dibenzofuran	15.17	168	687350	40.599	ng		99
56) 4-Nitrophenol	14.96	139	93470	37.420	ng		91
57) 2,4-Dinitrotoluene	15.13	165	184032	48.172	ng		94
58) Fluorene	15.82	166	545290	39.849	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	188399	44.332	ng		96
60) Diethylphthalate	15.57	149	589832	38.808	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	335278	42.128	ng		95
62) 4-Nitroaniline	15.84	138	138266	42.908	ng		94
63) Azobenzene	16.10	77	576993	36.863	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	86216	41.787	ng		94
66) n-Nitrosodiphenylamine	16.02	169	491328	38.853	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	225836	42.173	ng		92
68) Hexachlorobenzene	16.81	284	234498	42.350	ng		96
69) Atrazine	16.96	200	171568	34.243	ng		100
70) Pentachlorophenol	17.15	266	129982	40.116	ng		100
71) Phenanthrene	17.56	178	914752	39.511	ng		99
72) Anthracene	17.65	178	917589	39.430	ng		99
73) Carbazole	17.92	167	809711	38.191	ng		99
74) Di-n-butylphthalate	18.46	149	958194	37.444	ng		98
75) Fluoranthene	19.56	202	1164682	40.369	ng		99
77) Benzidine	19.74	184	328173	28.419	ng		97
78) Pyrene	19.92	202	1167742	44.177	ng		98
80) Butylbenzylphthalate	20.79	149	438109	42.525	ng		95
81) Benzo(a)anthracene	21.78	228	1162620	43.618	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	400125	42.116	ng		100
83) Chrysene	21.85	228	1126276	44.430	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	600799	40.399	ng		97
85) Di-n-octyl phthalate	22.91	149	1010662	40.352	ng		97
86) Indeno(1,2,3-cd)pyrene	29.02	276	1084361	35.380	ng	#	90
88) Benzo(b)fluoranthene	24.08	252	1117801	41.466	ng		98
89) Benzo(k)fluoranthene	24.15	252	1092785	43.407	ng		99
90) Benzo(a)pyrene	25.00	252	1054303	41.317	ng		98
91) Dibenzo(a,h)anthracene	29.09	278	851940	32.992	ng		97
92) Benzo(g,h,i)perylene	30.22	276	835439	32.508	ng		95

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

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