Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040996.D
Acq On : 1 Jun 2019 4:07
Operator : HP/JU
Sample : PB120099BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120099BS

Quant Time: Jun 01 06:26:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	59471	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	240124	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	172951	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	457420	20.00	ng		0.00
76) Chrysene-d12	21.78	240	463397	20.00	ng		0.00
87) Perylene-d12	25.11	264	492545	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	422387	128.07	ng		0.00
7) Phenol-d6	7.26	99	576677	113.22	ng		0.00
23) Nitrobenzene-d5	9.30	82	443787	82.05	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	301992	117.62	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	975756	81.25	ng		0.00
79) Terphenyl-d14	20.09	244	1824520	83.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	51621	34.492	ng	#	85
3) Pyridine	3.93	79	137236	30.990	ng		95
4) n-Nitrosodimethylamine	3.85	42	75176	36.577	ng		96
6) Aniline	7.45	93	159821	23.507	ng		98
8) 2-Chlorophenol	7.68	128	145527	37.012	ng		99
9) Benzaldehyde	7.26	77	72314	23.800	ng		90
10) Phenol	7.29	94	197582	36.179	ng		95
11) bis(2-Chloroethyl)ether	7.54	93	138537	34.968	ng		99
12) 1,3-Dichlorobenzene	8.01	146	160237	34.121	ng		96
13) 1,4-Dichlorobenzene	8.16	146	160511	33.767	ng		97
14) 1,2-Dichlorobenzene	8.48	146	154224	33.415	ng		99
15) Benzyl Alcohol	8.36	79	164531	34.920	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.64	45	217137	33.540	ng		99
17) 2-Methylphenol	8.55	107	137095	34.671	ng		98
18) Hexachloroethane	9.21	117	63256	34.527	ng		92
19) n-Nitroso-di-n-propylamine	8.93	70	127871	32.622	ng		97
20) 3+4-Methylphenols	8.88	107	186877	34.118	ng		95
22) Acetophenone	8.95	105	237349	35.236	ng		97
24) Nitrobenzene	9.34	77	201296	36.518	ng		99
25) Isophorone	9.86	82	357852	34.764	ng		98
26) 2-Nitrophenol	10.05	139	84684	37.266	ng	#	88
27) 2,4-Dimethylphenol	10.09	122	151932	40.482	ng		91
28) bis(2-Chloroethoxy)methane	10.34	93	190418	34.274	ng		98
29) 2,4-Dichlorophenol	10.58	162	170685	35.814	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	183390	33.826	ng		99
31) Naphthalene	11.00	128	452263	35.080	ng		99
32) Benzoic acid	10.22	122	84258	32.113	ng		98
33) 4-Chloroaniline	11.10	127	107437	17.960	ng		97
34) Hexachlorobutadiene	11.25	225	136965	33.017	ng		98
35) Caprolactam	11.89	113	54067	34.354	ng	#	82
36) 4-Chloro-3-methylphenol	12.21	107	189742	34.860	ng		98
37) 2-Methylnaphthalene	12.59	142	342302	34.473	ng		98
38) 1-Methylnaphthalene	12.81	142	327111	34.959	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	251456	36.072	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	332606	87.860	ng		99
43) 2,4,6-Trichlorophenol	13.19	196	159698	35.413	ng		99
44) 2,4,5-Trichlorophenol	13.26	196	168482	35.426	ng		97
46) 1,1'-Biphenyl	13.59	154	463934	36.239	ng		97
47) 2-Chloronaphthalene	13.64	162	381784	34.738	ng		100
48) 2-Nitroaniline	13.84	65	137427	34.855	ng		93
49) Acenaphthylene	14.48	152	599978	36.272	ng		99
50) Dimethylphthalate	14.20	163	517389	35.340	ng		97
51) 2,6-Dinitrotoluene	14.33	165	110230	34.921	ng		95
52) Acenaphthene	14.81	154	349018	34.830	ng		97
53) 3-Nitroaniline	14.66	138	76147	24.124	ng		97
54) 2,4-Dinitrophenol	14.87	184	129820	79.256	ng		96
55) Dibenzofuran	15.15	168	604105	35.828	ng		99
56) 4-Nitrophenol	14.96	139	174003	80.369	ng		89
57) 2,4-Dinitrotoluene	15.11	165	163926	36.764	ng	#	96
58) Fluorene	15.80	166	479138	35.682	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.37	232	181847	38.907	ng		99
60) Diethylphthalate	15.56	149	522511	34.972	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	302396	34.647	ng		93
62) 4-Nitroaniline	15.83	138	115105	34.445	ng		95
63) Azobenzene	16.08	77	490545	36.124	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	95266	40.501	ng		98
66) n-Nitrosodiphenylamine	16.00	169	444787	34.591	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	199560	32.328	ng		95
68) Hexachlorobenzene	16.79	284	212661	32.352	ng		99
69) Atrazine	16.94	200	190257	38.346	ng		96
70) Pentachlorophenol	17.14	266	247411	70.779	ng		96
71) Phenanthrene	17.54	178	833851	34.997	ng		100
72) Anthracene	17.63	178	856424	36.445	ng		100
73) Carbazole	17.90	167	736761	36.540	ng		100
74) Di-n-butylphthalate	18.43	149	873313	34.848	ng		98
75) Fluoranthene	19.54	202	1088824	36.998	ng		99
77) Benzidine	19.72	184	394462	35.683	ng		98
78) Pyrene	19.90	202	1098666	36.472	ng		100
80) Butylbenzylphthalate	20.77	149	413350	35.260	ng		98
81) Benzo(a)anthracene	21.75	228	1062428	34.442	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	262385	24.184	ng		99
83) Chrysene	21.82	228	1049870	35.566	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	566799	34.346	ng		98
85) Di-n-octyl phthalate	22.87	149	962844	35.033	ng		100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1271544	35.164	ng	#	96
88) Benzo(b)fluoranthene	24.05	252	1092733	36.577	ng		98
89) Benzo(k)fluoranthene	24.12	252	1066536	36.077	ng		98
90) Benzo(a)pyrene	24.96	252	1065728	37.391	ng		96
91) Dibenzo(a,h)anthracene	29.02	278	1032460	36.252	ng		99
92) Benzo(g,h,i)perylene	30.16	276	1045732	37.794	ng		99

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

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