Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
Data File : BG042817.D
Acq On : 13 Sep 2019 15:22
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 13 15:58:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	81697	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	326726	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	225891	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	538501	20.00	ng		0.00
76) Chrysene-d12	21.75	240	532324	20.00	ng		0.00
87) Perylene-d12	25.02	264	596378	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	376014	80.02	ng		0.00
7) Phenol-d6	7.26	99	539767	80.03	ng		0.00
23) Nitrobenzene-d5	9.27	82	533029	84.94	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	243407	80.99	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1147943	80.44	ng		0.00
79) Terphenyl-d14	20.08	244	1990703	82.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	84368	39.340	ng		97
3) Pyridine	3.98	79	263172	40.757	ng		97
4) n-Nitrosodimethylamine	3.89	42	129489	41.213	ng		94
6) Aniline	7.43	93	363247	39.917	ng		97
8) 2-Chlorophenol	7.68	128	198566	39.092	ng		99
9) Benzaldehyde	7.25	77	169488	38.615	ng		98
10) Phenol	7.29	94	274335	39.661	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	203573	38.348	ng		96
12) 1,3-Dichlorobenzene	8.01	146	240676	38.847	ng		98
13) 1,4-Dichlorobenzene	8.15	146	241653	38.959	ng		98
14) 1,2-Dichlorobenzene	8.47	146	228142	38.639	ng		98
15) Benzyl Alcohol	8.35	79	227736	39.344	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	466702	40.034	ng		97
17) 2-Methylphenol	8.55	107	180248	38.950	ng		95
18) Hexachloroethane	9.21	117	89633	39.141	ng		97
19) n-Nitroso-di-n-propylamine	8.92	70	198504	39.940	ng		98
20) 3+4-Methylphenols	8.87	107	251686	39.455	ng		96
22) Acetophenone	8.93	105	329517	39.934	ng	#	97
24) Nitrobenzene	9.32	77	271409	41.202	ng		98
25) Isophorone	9.84	82	526714	40.265	ng		98
26) 2-Nitrophenol	10.03	139	109797	42.388	ng		92
27) 2,4-Dimethylphenol	10.08	122	179608	39.199	ng		98
28) bis(2-Chloroethoxy)methane	10.33	93	289146	39.636	ng		99
29) 2,4-Dichlorophenol	10.56	162	217758	40.897	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	259421	39.906	ng		99
31) Naphthalene	10.98	128	655039	40.606	ng		99
32) Benzoic acid	10.20	122	122181	34.836	ng		97
33) 4-Chloroaniline	11.07	127	304500	40.385	ng		97
34) Hexachlorobutadiene	11.27	225	180673	39.667	ng		99
35) Caprolactam	11.84	113	80344	40.577	ng		96
36) 4-Chloro-3-methylphenol	12.18	107	237662	41.109	ng		98
37) 2-Methylnaphthalene	12.58	142	486888	40.292	ng		99
38) 1-Methylnaphthalene	12.79	142	460182	40.603	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	295423	39.577	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	175620	41.069	ng		100
43) 2,4,6-Trichlorophenol	13.17	196	201148	40.477	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	206723	40.612	ng		98
46) 1,1'-Biphenyl	13.57	154	636757	40.266	ng		97
47) 2-Chloronaphthalene	13.62	162	526069	40.215	ng		100
48) 2-Nitroaniline	13.80	65	203042	44.743	ng		97
49) Acenaphthylene	14.46	152	815119	40.775	ng		97
50) Dimethylphthalate	14.19	163	683826	40.410	ng		99
51) 2,6-Dinitrotoluene	14.30	165	148778	42.848	ng		94
52) Acenaphthene	14.80	154	510438	39.084	ng		99
53) 3-Nitroaniline	14.63	138	163619	41.986	ng	#	96
54) 2,4-Dinitrophenol	14.82	184	33252	19.453	ng	#	1
55) Dibenzofuran	15.13	168	785907	40.485	ng		97
56) 4-Nitrophenol	14.91	139	121580	40.350	ng		97
57) 2,4-Dinitrotoluene	15.08	165	202980	43.857	ng		99
58) Fluorene	15.78	166	651727	40.510	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	208334	42.221	ng		99
60) Diethylphthalate	15.55	149	696314	40.537	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	383960	40.364	ng		98
62) 4-Nitroaniline	15.78	138	175640	41.814	ng		94
63) Azobenzene	16.07	77	680405	41.134	ng		98
65) 4,6-Dinitro-2-methylphenol	15.84	198	68304	29.644	ng		93
66) n-Nitrosodiphenylamine	15.98	169	584073	40.307	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	259533	39.819	ng		98
68) Hexachlorobenzene	16.79	284	274905	39.472	ng		97
69) Atrazine	16.92	200	175748	34.828	ng		97
70) Pentachlorophenol	17.12	266	188315	45.580	ng		92
71) Phenanthrene	17.52	178	1050118	40.776	ng		99
72) Anthracene	17.61	178	1045536	40.637	ng		100
73) Carbazole	17.87	167	985972	40.319	ng		97
74) Di-n-butylphthalate	18.44	149	1182262	40.359	ng		99
75) Fluoranthene	19.52	202	1359197	40.723	ng		99
77) Benzidine	19.69	184	577193	38.809	ng		99
78) Pyrene	19.89	202	1357348	40.728	ng		99
80) Butylbenzylphthalate	20.77	149	552423	40.957	ng		98
81) Benzo(a)anthracene	21.74	228	1370811	40.501	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	522827	39.749	ng		98
83) Chrysene	21.80	228	1292213	40.306	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	749540	40.671	ng		97
85) Di-n-octyl phthalate	22.89	149	1279582	40.728	ng		99
86) Indeno(1,2,3-cd)pyrene	28.75	276	1601482	40.338	ng	#	93
88) Benzo(b)fluoranthene	23.99	252	1411956	40.321	ng		99
89) Benzo(k)fluoranthene	24.06	252	1335730	40.380	ng		98
90) Benzo(a)pyrene	24.87	252	1324675	40.399	ng		100
91) Dibenzo(a,h)anthracene	28.83	278	1310764	40.644	ng		100
92) Benzo(g,h,i)perylene	29.93	276	1260813	40.081	ng		96

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

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