Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092119\
Data File : BG042907.D
Acq On : 21 Sep 2019 11:54
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Sep 23 05:30:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 05:23:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	69007	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	280779	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	198366	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	474848	20.00	ng	0.00
76) Chrysene-d12	21.71	240	489610	20.00	ng	0.00
87) Perylene-d12	24.95	264	553741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	317413	80.02	ng	0.00
7) Phenol-d6	7.26	99	449726	79.13	ng	0.00
23) Nitrobenzene-d5	9.25	82	457738	84.12	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	249396	92.16	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1082383	85.59	ng	0.00
79) Terphenyl-d14	20.05	244	1921668	86.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	62837	35.438	ng	100
3) Pyridine	3.97	79	189169	35.491	ng	100
4) n-Nitrosodimethylamine	3.88	42	88353	34.169	ng	100
6) Aniline	7.41	93	277481	36.669	ng	100
8) 2-Chlorophenol	7.65	128	158776	37.351	ng	100
9) Benzaldehyde	7.22	77	154556	40.865	ng	100
10) Phenol	7.28	94	211260	36.663	ng	100
11) bis(2-Chloroethyl)ether	7.50	93	164395	37.125	ng	100
12) 1,3-Dichlorobenzene	7.98	146	200857	38.674	ng	100
13) 1,4-Dichlorobenzene	8.12	146	202675	38.915	ng	100
14) 1,2-Dichlorobenzene	8.44	146	189431	38.198	ng	100
15) Benzyl Alcohol	8.32	79	172801	35.966	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.60	45	317606	33.202	ng	100
17) 2-Methylphenol	8.53	107	144972	37.416	ng	100
18) Hexachloroethane	9.17	117	74837	38.885	ng	100
19) n-Nitroso-di-n-propylamine	8.89	70	152069	36.717	ng	100
20) 3+4-Methylphenols	8.86	107	200244	37.457	ng	100
22) Acetophenone	8.90	105	313806	43.571	ng	100
24) Nitrobenzene	9.29	77	217078	38.541	ng	100
25) Isophorone	9.82	82	408988	36.902	ng	100
26) 2-Nitrophenol	10.00	139	89705	40.155	ng	100
27) 2,4-Dimethylphenol	10.06	122	142606	36.779	ng	100
28) bis(2-Chloroethoxy)methane	10.29	93	234724	37.797	ng	100
29) 2,4-Dichlorophenol	10.54	162	171202	37.783	ng	100
30) 1,2,4-Trichlorobenzene	10.75	180	216905	38.999	ng	100
31) Naphthalene	10.94	128	549336	39.734	ng	100
32) Benzoic acid	10.21	122	123056	41.810	ng	100
33) 4-Chloroaniline	11.04	127	244139	38.049	ng	100
34) Hexachlorobutadiene	11.23	225	158500	40.367	ng	100
35) Caprolactam	11.83	113	62825	37.467	ng	100
36) 4-Chloro-3-methylphenol	12.17	107	194799	39.427	ng	100
37) 2-Methylnaphthalene	12.54	142	410800	39.712	ng	100
38) 1-Methylnaphthalene	12.75	142	388413	40.006	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	330592	48.496	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	175756	45.522 ng	100
43) 2,4,6-Trichlorophenol	13.14	196	170511	39.198 ng	100
44) 2,4,5-Trichlorophenol	13.22	196	177271	39.729 ng	100
46) 1,1'-Biphenyl	13.54	154	663889	46.451 ng	100
47) 2-Chloronaphthalene	13.58	162	448473	39.097 ng	100
48) 2-Nitroaniline	13.78	65	149630	37.790 ng	100
49) Acenaphthylene	14.42	152	682583	39.044 ng	100
50) Dimethylphthalate	14.16	163	582521	39.324 ng	100
51) 2,6-Dinitrotoluene	14.27	165	122365	40.070 ng	100
52) Acenaphthene	14.76	154	469896	40.755 ng	100
53) 3-Nitroaniline	14.60	138	129835	38.232 ng	100
54) 2,4-Dinitrophenol	14.80	184	72510	46.726 ng	100
55) Dibenzofuran	15.10	168	670007	39.480 ng	100
56) 4-Nitrophenol	14.92	139	100016	38.191 ng	100
57) 2,4-Dinitrotoluene	15.06	165	172682	42.114 ng	100
58) Fluorene	15.74	166	573303	40.478 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	178900	41.138 ng	100
60) Diethylphthalate	15.51	149	588854	39.201 ng	100
61) 4-Chlorophenyl-phenylether	15.74	204	338680	40.455 ng	100
62) 4-Nitroaniline	15.77	138	140616	38.453 ng	100
63) Azobenzene	16.03	77	563254	38.970 ng	100
65) 4,6-Dinitro-2-methylphenol	15.82	198	96448	46.015 ng	100
66) n-Nitrosodiphenylamine	15.95	169	501841	39.296 ng	100
67) 4-Bromophenyl-phenylether	16.63	248	225958	39.332 ng	100
68) Hexachlorobenzene	16.75	284	248575	40.313 ng	100
69) Atrazine	16.90	200	207664	44.334 ng	100
70) Pentachlorophenol	17.09	266	143347	39.392 ng	100
71) Phenanthrene	17.48	178	908145	40.034 ng	100
72) Anthracene	17.58	178	915075	40.329 ng	100
73) Carbazole	17.85	167	840416	39.220 ng	100
74) Di-n-butylphthalate	18.41	149	1001263	39.090 ng	100
75) Fluoranthene	19.49	202	1162603	39.732 ng	100
77) Benzidine	19.67	184	565009	40.988 ng	100
78) Pyrene	19.85	202	1183129	38.970 ng	100
80) Butylbenzylphthalate	20.74	149	446509	36.637 ng	100
81) Benzo(a)anthracene	21.70	228	1207339	39.051 ng	100
82) 3,3'-Dichlorobenzidine	21.61	252	479094	39.602 ng	100
83) Chrysene	21.76	228	1169662	39.766 ng	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	634432	37.789 ng	100
85) Di-n-octyl phthalate	22.83	149	1056038	37.033 ng	100
86) Indeno(1,2,3-cd)pyrene	28.63	276	1431603	39.227 ng	100
88) Benzo(b)fluoranthene	23.92	252	1235228	38.346 ng	100
89) Benzo(k)fluoranthene	23.99	252	1216319	39.671 ng	100
90) Benzo(a)pyrene	24.80	252	1173090	38.756 ng	100
91) Dibenzo(a,h)anthracene	28.70	278	1178659	39.436 ng	100
92) Benzo(g,h,i)perylene	29.79	276	1140860	39.165 ng	100

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

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