Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
Data File : BG042836.D
Acq On : 14 Sep 2019 5:21
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 16 01:00:55 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	99396	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	406914	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	277658	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	618501	20.00	ng	0.00
76) Chrysene-d12	21.76	240	570992	20.00	ng	0.00
87) Perylene-d12	25.03	264	655040	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	460362	80.52	ng	0.00
7) Phenol-d6	7.27	99	661773	80.64	ng	0.00
23) Nitrobenzene-d5	9.27	82	642409	82.19	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	289863	78.47	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1376299	78.46	ng	0.00
79) Terphenyl-d14	20.08	244	2120513	82.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	96978	37.168	ng	98
3) Pyridine	3.99	79	292455	37.227	ng	98
4) n-Nitrosodimethylamine	3.89	42	147664	38.629	ng	100
6) Aniline	7.44	93	437084	39.478	ng	99
8) 2-Chlorophenol	7.68	128	249429	40.361	ng	98
9) Benzaldehyde	7.25	77	210495	39.418	ng	94
10) Phenol	7.29	94	337265	40.076	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	255308	39.529	ng	97
12) 1,3-Dichlorobenzene	8.01	146	296887	39.387	ng	99
13) 1,4-Dichlorobenzene	8.16	146	301047	39.892	ng	98
14) 1,2-Dichlorobenzene	8.47	146	280504	39.048	ng	98
15) Benzyl Alcohol	8.35	79	276526	39.266	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	534856	37.710	ng	98
17) 2-Methylphenol	8.55	107	228625	40.607	ng	97
18) Hexachloroethane	9.21	117	111436	39.997	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	232535	38.456	ng	97
20) 3+4-Methylphenols	8.88	107	313593	40.406	ng	99
22) Acetophenone	8.94	105	393634	38.303	ng	95
24) Nitrobenzene	9.32	77	335450	40.889	ng	98
25) Isophorone	9.84	82	624381	38.325	ng	96
26) 2-Nitrophenol	10.03	139	145103	44.979	ng	97
27) 2,4-Dimethylphenol	10.08	122	223330	39.136	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	347862	38.288	ng	99
29) 2,4-Dichlorophenol	10.57	162	265517	40.040	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	323646	39.975	ng	98
31) Naphthalene	10.98	128	804167	40.027	ng	98
32) Benzoic acid	10.21	122	190925	42.190	ng	93
33) 4-Chloroaniline	11.07	127	369100	39.306	ng	98
34) Hexachlorobutadiene	11.27	225	220373	38.849	ng	97
35) Caprolactam	11.84	113	95691	38.804	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	293998	40.832	ng	96
37) 2-Methylnaphthalene	12.58	142	600281	39.886	ng	98
38) 1-Methylnaphthalene	12.79	142	555259	39.338	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	365613	39.848	ng	100

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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)
41) Hexachlorocyclopentadiene	12.93	237	175513	33.392	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	252374	41.316	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	255797	40.884	ng		97
46) 1,1'-Biphenyl	13.57	154	768360	39.529	ng		99
47) 2-Chloronaphthalene	13.62	162	646093	40.181	ng		97
48) 2-Nitroaniline	13.80	65	242695	43.510	ng		99
49) Acenaphthylene	14.46	152	971797	39.549	ng		99
50) Dimethylphthalate	14.19	163	794940	38.218	ng		98
51) 2,6-Dinitrotoluene	14.30	165	179671	42.097	ng		96
52) Acenaphthene	14.80	154	631458	39.336	ng		99
53) 3-Nitroaniline	14.63	138	192831	40.257	ng		97
54) 2,4-Dinitrophenol	14.83	184	75689	36.024	ng		84
55) Dibenzofuran	15.13	168	937504	39.290	ng		97
56) 4-Nitrophenol	14.92	139	149476	40.360	ng		97
57) 2,4-Dinitrotoluene	15.08	165	248698	43.717	ng	#	98
58) Fluorene	15.78	166	774908	39.186	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	243715	40.183	ng		99
60) Diethylphthalate	15.55	149	802516	38.009	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	458377	39.203	ng		97
62) 4-Nitroaniline	15.79	138	203633	39.439	ng		98
63) Azobenzene	16.07	77	786285	38.673	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	111364	42.080	ng		100
66) n-Nitrosodiphenylamine	15.98	169	679651	40.836	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	304816	40.717	ng		99
68) Hexachlorobenzene	16.79	284	325310	40.668	ng		98
69) Atrazine	16.93	200	198291	34.213	ng		97
70) Pentachlorophenol	17.12	266	194700	41.030	ng		92
71) Phenanthrene	17.52	178	1186141	40.101	ng		99
72) Anthracene	17.61	178	1200591	40.627	ng		99
73) Carbazole	17.88	167	1093498	38.932	ng		97
74) Di-n-butylphthalate	18.44	149	1325842	39.406	ng		99
75) Fluoranthene	19.53	202	1468179	38.298	ng		99
77) Benzidine	19.70	184	637826	39.982	ng		99
78) Pyrene	19.89	202	1477479	41.331	ng		99
80) Butylbenzylphthalate	20.77	149	596610	41.238	ng		99
81) Benzo(a)anthracene	21.74	228	1473873	40.597	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	578833	41.027	ng		99
83) Chrysene	21.81	228	1401964	40.768	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	817807	41.370	ng		99
85) Di-n-octyl phthalate	22.89	149	1409636	41.830	ng		99
86) Indeno(1,2,3-cd)pyrene	28.76	276	1734687	40.734	ng	#	93
88) Benzo(b)fluoranthene	23.99	252	1543268	40.124	ng		98
89) Benzo(k)fluoranthene	24.06	252	1418815	39.051	ng		100
90) Benzo(a)pyrene	24.87	252	1433762	39.810	ng		100
91) Dibenzo(a,h)anthracene	28.83	278	1414763	39.940	ng		99
92) Benzo(g,h,i)perylene	29.93	276	1369241	39.630	ng		97

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

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