Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042783.D
Acq On : 12 Sep 2019 15:44
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 13 06:35:56 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	73903	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	299162	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	204154	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	485246	20.00	ng		0.00
76) Chrysene-d12	21.77	240	485247	20.00	ng		0.00
87) Perylene-d12	25.04	264	545375	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	347677	81.79	ng		0.00
7) Phenol-d6	7.27	99	500542	82.04	ng		0.00
23) Nitrobenzene-d5	9.28	82	474795	82.63	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	215300	79.27	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1050569	81.46	ng		0.00
79) Terphenyl-d14	20.09	244	1827007	83.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	79978	41.226	ng		99
3) Pyridine	3.99	79	241825	41.401	ng		97
4) n-Nitrosodimethylamine	3.90	42	119946	42.202	ng	#	97
6) Aniline	7.44	93	329096	39.978	ng		98
8) 2-Chlorophenol	7.68	128	184548	40.163	ng		94
9) Benzaldehyde	7.25	77	152451	38.396	ng		98
10) Phenol	7.30	94	249874	39.934	ng		98
11) bis(2-Chloroethyl)ether	7.54	93	193214	40.235	ng		99
12) 1,3-Dichlorobenzene	8.02	146	225860	40.300	ng		97
13) 1,4-Dichlorobenzene	8.16	146	227923	40.621	ng		98
14) 1,2-Dichlorobenzene	8.48	146	213946	40.057	ng		96
15) Benzyl Alcohol	8.35	79	213436	40.762	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.65	45	426729	40.465	ng		97
17) 2-Methylphenol	8.55	107	167329	39.972	ng		97
18) Hexachloroethane	9.22	117	83222	40.174	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	180646	40.180	ng		96
20) 3+4-Methylphenols	8.88	107	230599	39.962	ng		97
22) Acetophenone	8.94	105	299348	39.620	ng		96
24) Nitrobenzene	9.32	77	248100	41.134	ng		99
25) Isophorone	9.85	82	476113	39.751	ng		99
26) 2-Nitrophenol	10.03	139	97553	41.131	ng		96
27) 2,4-Dimethylphenol	10.09	122	166503	39.687	ng		98
28) bis(2-Chloroethoxy)methane	10.33	93	267418	40.035	ng		99
29) 2,4-Dichlorophenol	10.57	162	193205	39.629	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	239518	40.239	ng		97
31) Naphthalene	10.98	128	596811	40.405	ng		99
32) Benzoic acid	10.21	122	129208	39.310	ng		91
33) 4-Chloroaniline	11.07	127	270774	39.221	ng		98
34) Hexachlorobutadiene	11.28	225	164917	39.544	ng		96
35) Caprolactam	11.84	113	71465	39.419	ng		99
36) 4-Chloro-3-methylphenol	12.18	107	211795	40.010	ng		98
37) 2-Methylnaphthalene	12.58	142	445120	40.229	ng		96
38) 1-Methylnaphthalene	12.80	142	418888	40.365	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	271341	40.221	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	149213	38.609	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	180119	40.104	ng		95
44) 2,4,5-Trichlorophenol	13.24	196	185057	40.227	ng		95
46) 1,1'-Biphenyl	13.58	154	572469	40.055	ng		100
47) 2-Chloronaphthalene	13.62	162	473873	40.081	ng		99
48) 2-Nitroaniline	13.81	65	171931	41.921	ng		99
49) Acenaphthylene	14.46	152	737151	40.801	ng		99
50) Dimethylphthalate	14.19	163	615761	40.263	ng		99
51) 2,6-Dinitrotoluene	14.30	165	127675	40.685	ng		96
52) Acenaphthene	14.80	154	476690	40.386	ng		99
53) 3-Nitroaniline	14.63	138	140506	39.894	ng		98
54) 2,4-Dinitrophenol	14.83	184	60401	39.098	ng	#	84
55) Dibenzofuran	15.14	168	712239	40.597	ng		99
56) 4-Nitrophenol	14.92	139	112964	41.483	ng		96
57) 2,4-Dinitrotoluene	15.09	165	175643	41.991	ng		96
58) Fluorene	15.79	166	588736	40.491	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	182942	41.023	ng		100
60) Diethylphthalate	15.56	149	628173	40.464	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	345817	40.225	ng		98
62) 4-Nitroaniline	15.79	138	155217	40.886	ng		96
63) Azobenzene	16.07	77	605910	40.531	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	83497	40.215	ng		95
66) n-Nitrosodiphenylamine	15.99	169	524605	40.176	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	232431	39.574	ng		99
68) Hexachlorobenzene	16.79	284	245612	39.136	ng		96
69) Atrazine	16.93	200	163315	35.916	ng		96
70) Pentachlorophenol	17.13	266	152554	40.976	ng		92
71) Phenanthrene	17.52	178	935951	40.332	ng		98
72) Anthracene	17.62	178	936919	40.412	ng		99
73) Carbazole	17.88	167	889079	40.347	ng		99
74) Di-n-butylphthalate	18.45	149	1080423	40.930	ng		100
75) Fluoranthene	19.53	202	1226080	40.766	ng		100
77) Benzidine	19.70	184	521244	38.448	ng		97
78) Pyrene	19.89	202	1245506	40.998	ng		99
80) Butylbenzylphthalate	20.78	149	501728	40.808	ng		98
81) Benzo(a)anthracene	21.74	228	1245004	40.353	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	482706	40.259	ng		99
83) Chrysene	21.81	228	1186967	40.615	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	682525	40.628	ng		99
85) Di-n-octyl phthalate	22.91	149	1159630	40.491	ng		99
86) Indeno(1,2,3-cd)pyrene	28.78	276	1452663	40.139	ng	#	89
88) Benzo(b)fluoranthene	24.00	252	1282416	40.046	ng		99
89) Benzo(k)fluoranthene	24.07	252	1214764	40.158	ng		99
90) Benzo(a)pyrene	24.89	252	1190866	39.715	ng		100
91) Dibenzo(a,h)anthracene	28.86	278	1178908	39.974	ng		99
92) Benzo(g,h,i)perylene	29.95	276	1152424	40.061	ng		99

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

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