Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070920\
Data File : BG045987.D
Acq On : 9 Jul 2020 9:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 09 11:10:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	153424	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	594099	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	347468	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	698862	20.00	ng		0.00
76) Chrysene-d12	21.63	240	591949	20.00	ng		0.00
86) Perylene-d12	24.78	264	615860	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	720250	76.13	ng		0.00
7) Phenol-d6	7.17	99	1053444	77.34	ng		0.00
23) Nitrobenzene-d5	9.16	82	922771	89.40	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	255978	79.38	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1737640	78.00	ng		0.00
79) Terphenyl-d14	19.98	244	2064497	77.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	175688	40.251	ng		98
3) Pyridine	3.90	79	528506	40.044	ng		99
4) n-Nitrosodimethylamine	3.81	42	187289	41.966	ng	#	95
6) Aniline	7.33	93	665761	38.208	ng		99
8) 2-Chlorophenol	7.57	128	381919	37.500	ng		97
9) Benzaldehyde	7.14	77	317693	36.813	ng		98
10) Phenol	7.19	94	529953	38.786	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	442092	39.128	ng		99
12) 1,3-Dichlorobenzene	7.90	146	450508	38.377	ng		99
13) 1,4-Dichlorobenzene	8.04	146	443242	38.383	ng		98
14) 1,2-Dichlorobenzene	8.36	146	424039	38.153	ng		98
15) Benzyl Alcohol	8.23	79	399607	37.416	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	579510	39.311	ng		97
17) 2-Methylphenol	8.44	107	393445	38.376	ng		98
18) Hexachloroethane	9.09	117	172249	38.766	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	369118	38.575	ng		100
20) 3+4-Methylphenols	8.77	107	537637	38.477	ng		99
22) Acetophenone	8.82	105	607992	38.308	ng		98
24) Nitrobenzene	9.20	77	507298	44.529	ng		99
25) Isophorone	9.73	82	978875	38.848	ng		98
26) 2-Nitrophenol	9.91	139	170892	46.021	ng		97
27) 2,4-Dimethylphenol	9.97	122	335094	37.361	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	554405	39.182	ng		97
29) 2,4-Dichlorophenol	10.44	162	362344	39.026	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	395039	38.400	ng		96
31) Naphthalene	10.85	128	1232991	38.714	ng		99
32) Benzoic acid	10.10	122	213368	40.179	ng		94
33) 4-Chloroaniline	10.95	127	540042	37.946	ng		99
34) Hexachlorobutadiene	11.15	225	232018	38.627	ng		99
35) Caprolactam	11.72	113	133078	37.751	ng		96
36) 4-Chloro-3-methylphenol	12.07	107	409395	38.714	ng		100
37) 2-Methylnaphthalene	12.46	142	879901	38.865	ng		99
38) 1-Methylnaphthalene	12.68	142	823837	38.558	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	389051	39.720	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	219476	37.763	ng		96
43) 2,4,6-Trichlorophenol	13.06	196	263003	39.703	ng		98
44) 2,4,5-Trichlorophenol	13.13	196	303906	40.576	ng		99
46) 1,1'-Biphenyl	13.46	154	1034051	39.560	ng		99
47) 2-Chloronaphthalene	13.50	162	800117	38.796	ng		99
48) 2-Nitroaniline	13.70	65	273867	47.413	ng		97
49) Acenaphthylene	14.35	152	1281349	38.508	ng		100
50) Dimethylphthalate	14.09	163	990663	37.990	ng		99
51) 2,6-Dinitrotoluene	14.19	165	210557	45.342	ng		100
52) Acenaphthene	14.70	154	819708	39.056	ng		99
53) 3-Nitroaniline	14.52	138	252409	44.347	ng	#	93
54) 2,4-Dinitrophenol	14.72	184	67439	41.810	ng	#	77
55) Dibenzofuran	15.03	168	1188685	38.636	ng		99
56) 4-Nitrophenol	14.82	139	191081	44.977	ng		98
57) 2,4-Dinitrotoluene	14.98	165	274969	46.110	ng		94
58) Fluorene	15.68	166	947688	37.549	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.25	232	231445	40.023	ng		91
60) Diethylphthalate	15.45	149	1016827	37.182	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	479396	38.180	ng		99
62) 4-Nitroaniline	15.68	138	250343	46.450	ng		90
63) Azobenzene	15.97	77	1132963	38.599	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	102131	43.229	ng		97
66) n-Nitrosodiphenylamine	15.88	169	834820	38.548	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	301596	38.640	ng		98
68) Hexachlorobenzene	16.68	284	297920	38.037	ng		95
69) Atrazine	16.83	200	240261	37.523	ng		97
70) Pentachlorophenol	17.02	266	174205	40.004	ng		98
71) Phenanthrene	17.41	178	1422656	38.505	ng		99
72) Anthracene	17.50	178	1426439	38.043	ng		99
73) Carbazole	17.77	167	1421061	37.811	ng		99
74) Di-n-butylphthalate	18.34	149	1687244	37.151	ng		99
75) Fluoranthene	19.42	202	1614295	37.796	ng		98
77) Benzidine	19.60	184	743219	43.912	ng		99
78) Pyrene	19.78	202	1629967	40.339	ng		99
80) Butylbenzylphthalate	20.68	149	761392	39.875	ng		96
81) Benzo(a)anthracene	21.61	228	1492476	38.345	ng		100
82) 3,3'-Dichlorobenzidine	21.52	252	547476	38.065	ng		99
83) Chrysene	21.68	228	1409066	38.000	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	1071652	38.664	ng		97
85) Di-n-octyl phthalate	22.75	149	1833549	38.120	ng		100
87) Indeno(1,2,3-cd)pyrene	28.36	276	1787470	39.673	ng		99
88) Benzo(b)fluoranthene	23.79	252	1565953	40.055	ng		98
89) Benzo(k)fluoranthene	23.86	252	1460541	39.509	ng		99
90) Benzo(a)pyrene	24.64	252	1463686	39.814	ng		100
91) Dibenzo(a,h)anthracene	28.44	278	1413525	38.898	ng		98
92) Benzo(g,h,i)perylene	29.48	276	1429519	39.090	ng		99

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

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