Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
Data File : BG041863.D
Acq On : 1 Aug 2019 14:55
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 02 01:31:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	87113	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	383221	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	286338	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	644867	20.00	ng		0.00
76) Chrysene-d12	21.74	240	615445	20.00	ng		0.00
87) Perylene-d12	25.01	264	742765	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	356005	79.51	ng		0.00
7) Phenol-d6	7.19	99	494957	82.00	ng		0.00
23) Nitrobenzene-d5	9.21	82	472235	84.80	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	290499	89.32	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1308517	80.60	ng		0.00
79) Terphenyl-d14	20.06	244	2051541	76.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	74987	35.583	ng		93
3) Pyridine	3.87	79	214025	37.035	ng		92
4) n-Nitrosodimethylamine	3.78	42	88127	38.468	ng		86
6) Aniline	7.36	93	336099	39.543	ng		94
8) 2-Chlorophenol	7.60	128	209728	40.906	ng		94
9) Benzaldehyde	7.17	77	164587	38.750	ng		92
10) Phenol	7.22	94	252608	40.226	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	201408	39.013	ng		95
12) 1,3-Dichlorobenzene	7.93	146	263419	39.366	ng		98
13) 1,4-Dichlorobenzene	8.08	146	262367	39.185	ng		97
14) 1,2-Dichlorobenzene	8.40	146	251032	39.291	ng		95
15) Benzyl Alcohol	8.28	79	195103	41.084	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	357788	38.954	ng		95
17) 2-Methylphenol	8.48	107	184890	40.484	ng		99
18) Hexachloroethane	9.14	117	93819	40.917	ng		89
19) n-Nitroso-di-n-propylamine	8.85	70	175457	40.037	ng		92
20) 3+4-Methylphenols	8.81	107	258913	41.428	ng		98
22) Acetophenone	8.87	105	335773	39.172	ng	#	92
24) Nitrobenzene	9.25	77	244160	41.618	ng		98
25) Isophorone	9.78	82	484838	40.023	ng		98
26) 2-Nitrophenol	9.97	139	135103	49.619	ng		95
27) 2,4-Dimethylphenol	10.03	122	197318	41.060	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	299693	39.589	ng		100
29) 2,4-Dichlorophenol	10.51	162	253034	43.238	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	296954	40.015	ng		96
31) Naphthalene	10.92	128	698007	39.798	ng		98
32) Benzoic acid	10.17	122	164187	47.857	ng		95
33) 4-Chloroaniline	11.02	127	336109	40.410	ng		96
34) Hexachlorobutadiene	11.21	225	202245	40.380	ng		98
35) Caprolactam	11.80	113	88308	43.421	ng	#	83
36) 4-Chloro-3-methylphenol	12.14	107	251979	43.430	ng		97
37) 2-Methylnaphthalene	12.53	142	567591	40.885	ng		99
38) 1-Methylnaphthalene	12.75	142	536022	40.743	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	357659	39.460	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	222668	43.695	ng		100
43) 2,4,6-Trichlorophenol	13.13	196	250795	43.779	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	258510	43.424	ng		94
46) 1,1'-Biphenyl	13.53	154	726048	39.445	ng		98
47) 2-Chloronaphthalene	13.58	162	623838	39.808	ng		98
48) 2-Nitroaniline	13.77	65	180805	45.490	ng		87
49) Acenaphthylene	14.42	152	944165	40.277	ng		97
50) Dimethylphthalate	14.15	163	813481	41.598	ng		99
51) 2,6-Dinitrotoluene	14.26	165	188043	45.986	ng		90
52) Acenaphthene	14.77	154	619673	40.644	ng		99
53) 3-Nitroaniline	14.59	138	193386	44.206	ng		93
54) 2,4-Dinitrophenol	14.80	184	108955	51.162	ng		87
55) Dibenzofuran	15.10	168	942095	40.398	ng		96
56) 4-Nitrophenol	14.90	139	150718	45.388	ng		93
57) 2,4-Dinitrotoluene	15.05	165	265862	47.278	ng		93
58) Fluorene	15.75	166	757854	40.495	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	262859	44.582	ng		91
60) Diethylphthalate	15.52	149	800448	41.692	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	466177	40.803	ng		95
62) 4-Nitroaniline	15.76	138	204855	43.234	ng		98
63) Azobenzene	16.03	77	617941	39.401	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	153440	48.527	ng		85
66) n-Nitrosodiphenylamine	15.95	169	704195	40.089	ng		96
67) 4-Bromophenyl-phenylether	16.64	248	322050	40.543	ng		97
68) Hexachlorobenzene	16.76	284	336374	40.477	ng		92
69) Atrazine	16.91	200	284934	41.285	ng		97
70) Pentachlorophenol	17.10	266	217540	46.080	ng		98
71) Phenanthrene	17.49	178	1249302	40.417	ng		96
72) Anthracene	17.58	178	1256083	40.745	ng		96
73) Carbazole	17.85	167	1117297	40.380	ng		96
74) Di-n-butylphthalate	18.42	149	1283583	40.920	ng		96
75) Fluoranthene	19.50	202	1500623	39.940	ng		92
77) Benzidine	19.68	184	684185	34.059	ng		99
78) Pyrene	19.86	202	1505616	41.290	ng		93
80) Butylbenzylphthalate	20.75	149	611144	43.714	ng		91
81) Benzo(a)anthracene	21.71	228	1493164	41.007	ng		96
82) 3,3'-Dichlorobenzidine	21.62	252	604445	41.345	ng		99
83) Chrysene	21.78	228	1430874	40.995	ng		95
84) Bis(2-ethylhexyl)phthalate	21.63	149	858849	44.535	ng		98
85) Di-n-octyl phthalate	22.87	149	1429047	44.031	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	1891442	40.936	ng	#	89
88) Benzo(b)fluoranthene	23.97	252	1631761	40.159	ng	#	96
89) Benzo(k)fluoranthene	24.04	252	1558156	39.367	ng	#	95
90) Benzo(a)pyrene	24.86	252	1561585	40.072	ng	#	96
91) Dibenzo(a,h)anthracene	28.82	278	1518236	39.677	ng	#	96
92) Benzo(g,h,i)perylene	29.92	276	1508485	39.459	ng	#	94

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

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