Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046275.D
Acq On : 14 Aug 2020 14:37
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 14 16:44:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	90958	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	355395	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	239908	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	556818	20.00	ng		0.00
76) Chrysene-d12	21.57	240	560927	20.00	ng		0.00
86) Perylene-d12	24.67	264	603752	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	394211	75.34	ng		0.00
7) Phenol-d6	7.12	99	549373	77.04	ng		0.00
23) Nitrobenzene-d5	9.10	82	483073	73.59	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	312956	84.93	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	1216078	73.63	ng		0.00
79) Terphenyl-d14	19.93	244	1985860	72.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	78917	33.137	ng		99
3) Pyridine	3.84	79	235466	35.915	ng		96
4) n-Nitrosodimethylamine	3.75	42	96723	34.664	ng		94
6) Aniline	7.28	93	321406	37.864	ng		99
8) 2-Chlorophenol	7.52	128	217279	37.571	ng		98
9) Benzaldehyde	7.09	77	150100	35.472	ng		97
10) Phenol	7.14	94	271586	37.905	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	210276	36.897	ng		98
12) 1,3-Dichlorobenzene	7.84	146	257884	36.789	ng		98
13) 1,4-Dichlorobenzene	7.99	146	261347	37.129	ng		100
14) 1,2-Dichlorobenzene	8.30	146	246712	37.164	ng		99
15) Benzyl Alcohol	8.19	79	198448	40.282	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	335347	35.891	ng		97
17) 2-Methylphenol	8.39	107	188177	38.903	ng		99
18) Hexachloroethane	9.03	117	89787	38.140	ng		98
19) n-Nitroso-di-n-propylamine	8.75	70	181717	39.155	ng		98
20) 3+4-Methylphenols	8.72	107	264519	39.954	ng		98
22) Acetophenone	8.77	105	335995	36.839	ng	#	96
24) Nitrobenzene	9.14	77	253951	36.287	ng		99
25) Isophorone	9.67	82	504924	38.658	ng		98
26) 2-Nitrophenol	9.86	139	134357	42.360	ng		98
27) 2,4-Dimethylphenol	9.92	122	197416	38.256	ng		97
28) bis(2-Chloroethoxy)methane	10.16	93	262515	36.963	ng		99
29) 2,4-Dichlorophenol	10.40	162	238805	39.340	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	267190	37.574	ng		98
31) Naphthalene	10.80	128	690035	36.695	ng		99
32) Benzoic acid	10.06	122	148038	40.782	ng		96
33) 4-Chloroaniline	10.90	127	298763	38.880	ng		97
34) Hexachlorobutadiene	11.10	225	183665	38.799	ng		98
35) Caprolactam	11.67	113	82159	41.352	ng		96
36) 4-Chloro-3-methylphenol	12.02	107	239618	40.225	ng		100
37) 2-Methylnaphthalene	12.41	142	547520	37.840	ng		99
38) 1-Methylnaphthalene	12.62	142	517907	37.825	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	322174	37.272	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	179699	36.244	ng		99
43) 2,4,6-Trichlorophenol	13.01	196	219261	39.759	ng		98
44) 2,4,5-Trichlorophenol	13.08	196	236165	39.248	ng		97
46) 1,1'-Biphenyl	13.41	154	678106	36.031	ng		99
47) 2-Chloronaphthalene	13.45	162	547097	36.444	ng		99
48) 2-Nitroaniline	13.65	65	153331	38.966	ng		96
49) Acenaphthylene	14.30	152	864009	37.064	ng		99
50) Dimethylphthalate	14.03	163	693406	37.658	ng		99
51) 2,6-Dinitrotoluene	14.14	165	169327	39.513	ng		91
52) Acenaphthene	14.64	154	577567	37.541	ng		99
53) 3-Nitroaniline	14.47	138	166117	39.101	ng		99
54) 2,4-Dinitrophenol	14.68	184	102731	41.562	ng		98
55) Dibenzofuran	14.98	168	857423	36.934	ng		98
56) 4-Nitrophenol	14.79	139	139823	37.908	ng		100
57) 2,4-Dinitrotoluene	14.93	165	236181	40.085	ng		93
58) Fluorene	15.63	166	700182	37.243	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	230976	40.753	ng		97
60) Diethylphthalate	15.40	149	682396	37.673	ng		99
61) 4-Chlorophenyl-phenylether	15.62	204	375018	38.193	ng		95
62) 4-Nitroaniline	15.64	138	169289	39.620	ng		98
63) Azobenzene	15.91	77	609512	35.905	ng		97
65) 4,6-Dinitro-2-methylphenol	15.70	198	154359	41.917	ng		90
66) n-Nitrosodiphenylamine	15.83	169	632113	37.503	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	269747	39.213	ng		96
68) Hexachlorobenzene	16.64	284	299358	38.809	ng		95
69) Atrazine	16.78	200	252749	38.943	ng		98
70) Pentachlorophenol	16.98	266	201666	40.294	ng		98
71) Phenanthrene	17.36	178	1131138	37.085	ng		99
72) Anthracene	17.45	178	1125495	37.097	ng		99
73) Carbazole	17.72	167	1089035	37.226	ng		99
74) Di-n-butylphthalate	18.29	149	1173787	38.385	ng		100
75) Fluoranthene	19.37	202	1404399	36.880	ng		99
77) Benzidine	19.54	184	650773	40.958	ng		99
78) Pyrene	19.73	202	1398247	37.100	ng		99
80) Butylbenzylphthalate	20.62	149	542655	39.747	ng		99
81) Benzo(a)anthracene	21.55	228	1368811	36.465	ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	595280	38.189	ng		97
83) Chrysene	21.61	228	1344477	36.563	ng		100
84) Bis(2-ethylhexyl)phthalate	21.47	149	731220	37.462	ng		100
85) Di-n-octyl phthalate	22.65	149	1281030	38.762	ng		98
87) Indeno(1,2,3-cd)pyrene	28.19	276	1715618	37.259	ng	#	96
88) Benzo(b)fluoranthene	23.69	252	1523197	37.648	ng		99
89) Benzo(k)fluoranthene	23.76	252	1430439	36.046	ng		98
90) Benzo(a)pyrene	24.53	252	1413603	37.548	ng		100
91) Dibenzo(a,h)anthracene	28.26	278	1434308	37.262	ng		96
92) Benzo(g,h,i)perylene	29.29	276	1437351	36.974	ng		99

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

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