Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
Data File : BG046213.D
Acq On : 11 Aug 2020 9:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 11 10:51:38 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	91975	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	339001	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	217744	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	506533	20.00	ng		0.00
76) Chrysene-d12	21.57	240	550867	20.00	ng		0.00
86) Perylene-d12	24.67	264	610958	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	442333	83.60	ng		0.00
7) Phenol-d6	7.12	99	604641	83.85	ng		0.00
23) Nitrobenzene-d5	9.10	82	512642	81.88	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	312221	93.35	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	1260791	84.11	ng		0.00
79) Terphenyl-d14	19.93	244	2059118	76.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	98771	41.015	ng		94
3) Pyridine	3.84	79	270463	40.797	ng		94
4) n-Nitrosodimethylamine	3.76	42	106635	37.793	ng		92
6) Aniline	7.28	93	351812	40.987	ng		98
8) 2-Chlorophenol	7.52	128	241467	41.291	ng		96
9) Benzaldehyde	7.09	77	161185	37.670	ng		99
10) Phenol	7.15	94	302217	41.714	ng		96
11) bis(2-Chloroethyl)ether	7.37	93	227183	39.423	ng		100
12) 1,3-Dichlorobenzene	7.85	146	294375	41.530	ng		98
13) 1,4-Dichlorobenzene	7.99	146	294289	41.346	ng		98
14) 1,2-Dichlorobenzene	8.30	146	279464	41.632	ng		99
15) Benzyl Alcohol	8.19	79	210436	42.243	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	350983	37.149	ng		98
17) 2-Methylphenol	8.39	107	208141	42.555	ng		97
18) Hexachloroethane	9.04	117	97130	40.803	ng		97
19) n-Nitroso-di-n-propylamine	8.76	70	186942	39.835	ng		98
20) 3+4-Methylphenols	8.72	107	285026	42.575	ng		99
22) Acetophenone	8.77	105	355135	40.820	ng	#	97
24) Nitrobenzene	9.14	77	270116	40.463	ng		99
25) Isophorone	9.67	82	511929	41.090	ng		98
26) 2-Nitrophenol	9.86	139	139856	46.226	ng		98
27) 2,4-Dimethylphenol	9.92	122	209335	42.528	ng		98
28) bis(2-Chloroethoxy)methane	10.15	93	273484	40.370	ng		100
29) 2,4-Dichlorophenol	10.40	162	258504	44.645	ng		97
30) 1,2,4-Trichlorobenzene	10.61	180	286481	42.235	ng		99
31) Naphthalene	10.80	128	746839	41.636	ng		100
32) Benzoic acid	10.06	122	146416	41.938	ng		96
33) 4-Chloroaniline	10.90	127	310248	42.327	ng		98
34) Hexachlorobutadiene	11.10	225	193084	42.761	ng		99
35) Caprolactam	11.67	113	82911	43.748	ng		99
36) 4-Chloro-3-methylphenol	12.02	107	243375	42.831	ng		96
37) 2-Methylnaphthalene	12.41	142	573321	41.539	ng		99
38) 1-Methylnaphthalene	12.62	142	540006	41.346	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	337423	43.009	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	190727	42.383 ng		97
43) 2,4,6-Trichlorophenol	13.01	196	221453	44.244 ng		95
44) 2,4,5-Trichlorophenol	13.08	196	238625	43.694 ng		95
46) 1,1'-Biphenyl	13.41	154	710108	41.572 ng		99
47) 2-Chloronaphthalene	13.45	162	562461	41.281 ng		98
48) 2-Nitroaniline	13.64	65	151630	42.456 ng		99
49) Acenaphthylene	14.30	152	886505	41.900 ng		100
50) Dimethylphthalate	14.03	163	692967	41.465 ng		99
51) 2,6-Dinitrotoluene	14.14	165	166638	42.844 ng		89
52) Acenaphthene	14.64	154	588767	42.165 ng		99
53) 3-Nitroaniline	14.47	138	169811	44.039 ng		94
54) 2,4-Dinitrophenol	14.68	184	95459	42.383 ng		98
55) Dibenzofuran	14.97	168	883397	41.927 ng		99
56) 4-Nitrophenol	14.78	139	143440	42.847 ng		97
57) 2,4-Dinitrotoluene	14.93	165	234563	43.863 ng		92
58) Fluorene	15.63	166	713927	41.840 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	231043	44.914 ng		97
60) Diethylphthalate	15.40	149	673182	40.947 ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	374795	42.055 ng		95
62) 4-Nitroaniline	15.64	138	173207	44.663 ng		97
63) Azobenzene	15.91	77	609071	39.531 ng		95
65) 4,6-Dinitro-2-methylphenol	15.70	198	152762	45.601 ng		91
66) n-Nitrosodiphenylamine	15.83	169	641387	41.831 ng		99
67) 4-Bromophenyl-phenylether	16.51	248	268705	42.939 ng		96
68) Hexachlorobenzene	16.64	284	299397	42.668 ng		94
69) Atrazine	16.78	200	247283	41.883 ng		99
70) Pentachlorophenol	16.97	266	201336	44.221 ng		98
71) Phenanthrene	17.36	178	1143435	41.209 ng		99
72) Anthracene	17.45	178	1140239	41.314 ng		100
73) Carbazole	17.72	167	1117528	41.992 ng		100
74) Di-n-butylphthalate	18.29	149	1161703	41.761 ng		100
75) Fluoranthene	19.37	202	1447030	41.772 ng		99
77) Benzidine	19.54	184	596301	38.215 ng		99
78) Pyrene	19.73	202	1449624	39.165 ng		99
80) Butylbenzylphthalate	20.63	149	562778	41.974 ng		95
81) Benzo(a)anthracene	21.55	228	1484257	40.262 ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	648210	42.344 ng		98
83) Chrysene	21.61	228	1451655	40.198 ng		100
84) Bis(2-ethylhexyl)phthalate	21.48	149	774928	40.427 ng		99
85) Di-n-octyl phthalate	22.65	149	1372867	42.300 ng		98
87) Indeno(1,2,3-cd)pyrene	28.19	276	1933686	41.500 ng	#	96
88) Benzo(b)fluoranthene	23.69	252	1650387	40.311 ng		99
89) Benzo(k)fluoranthene	23.76	252	1628129	40.544 ng		99
90) Benzo(a)pyrene	24.53	252	1573915	41.313 ng		99
91) Dibenzo(a,h)anthracene	28.26	278	1609611	41.323 ng		98
92) Benzo(g,h,i)perylene	29.29	276	1619133	41.159 ng		99

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

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