Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080420\
Data File : BG046162.D
Acq On : 4 Aug 2020 8:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 04 10:49:17 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	84929	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	324988	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	215751	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	494278	20.00	ng		0.00
76) Chrysene-d12	21.57	240	507851	20.00	ng		0.00
86) Perylene-d12	24.67	264	546125	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	399572	81.79	ng		0.00
7) Phenol-d6	7.12	99	568695	85.41	ng		0.00
23) Nitrobenzene-d5	9.10	82	513948	85.62	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	283561	85.57	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1220746	82.19	ng		0.00
79) Terphenyl-d14	19.93	244	1925696	77.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	86946	39.100	ng		98
3) Pyridine	3.84	79	253564	41.421	ng		100
4) n-Nitrosodimethylamine	3.75	42	110550	42.431	ng		94
6) Aniline	7.28	93	330032	41.640	ng		95
8) 2-Chlorophenol	7.52	128	222643	41.231	ng		99
9) Benzaldehyde	7.09	77	170229	43.085	ng		96
10) Phenol	7.14	94	282091	42.166	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	223230	41.950	ng		100
12) 1,3-Dichlorobenzene	7.85	146	262527	40.110	ng		99
13) 1,4-Dichlorobenzene	7.99	146	263275	40.058	ng		100
14) 1,2-Dichlorobenzene	8.30	146	252039	40.661	ng		98
15) Benzyl Alcohol	8.19	79	208691	45.369	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.48	45	382342	43.826	ng		100
17) 2-Methylphenol	8.39	107	196099	43.419	ng		98
18) Hexachloroethane	9.04	117	92950	42.286	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	191424	44.174	ng		96
20) 3+4-Methylphenols	8.72	107	269753	43.637	ng		99
22) Acetophenone	8.77	105	347231	41.632	ng	#	99
24) Nitrobenzene	9.15	77	270567	42.279	ng		99
25) Isophorone	9.67	82	532185	44.558	ng		100
26) 2-Nitrophenol	9.86	139	128025	44.141	ng		96
27) 2,4-Dimethylphenol	9.92	122	204451	43.327	ng		96
28) bis(2-Chloroethoxy)methane	10.16	93	276304	42.545	ng		99
29) 2,4-Dichlorophenol	10.40	162	240245	43.281	ng		97
30) 1,2,4-Trichlorobenzene	10.61	180	265104	40.768	ng		99
31) Naphthalene	10.80	128	723907	42.098	ng		99
32) Benzoic acid	10.06	122	138509	41.509	ng		97
33) 4-Chloroaniline	10.90	127	304915	43.393	ng		99
34) Hexachlorobutadiene	11.10	225	179046	41.362	ng		98
35) Caprolactam	11.67	113	81841	45.046	ng		89
36) 4-Chloro-3-methylphenol	12.02	107	250064	45.906	ng		99
37) 2-Methylnaphthalene	12.41	142	560474	42.359	ng		99
38) 1-Methylnaphthalene	12.62	142	530641	42.381	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	312549	40.207	ng		99

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QLast Update : Thu Jul 30 18:43:49 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	174961	39.239	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	214386	43.227	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	230523	42.600	ng	98
46) 1,1'-Biphenyl	13.42	154	696191	41.134	ng	98
47) 2-Chloronaphthalene	13.45	162	548221	40.607	ng	98
48) 2-Nitroaniline	13.65	65	161320	45.587	ng	97
49) Acenaphthylene	14.30	152	880753	42.013	ng	100
50) Dimethylphthalate	14.03	163	688771	41.594	ng	100
51) 2,6-Dinitrotoluene	14.15	165	164644	42.722	ng	98
52) Acenaphthene	14.64	154	583320	42.160	ng	99
53) 3-Nitroaniline	14.47	138	166812	43.661	ng	99
54) 2,4-Dinitrophenol	14.67	184	85919	39.147	ng	89
55) Dibenzofuran	14.98	168	862580	41.317	ng	99
56) 4-Nitrophenol	14.79	139	138615	41.788	ng	99
57) 2,4-Dinitrotoluene	14.93	165	229315	43.277	ng	100
58) Fluorene	15.63	166	703881	41.632	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	218013	42.773	ng	99
60) Diethylphthalate	15.40	149	688057	42.239	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	365577	41.400	ng	99
62) 4-Nitroaniline	15.64	138	165683	43.118	ng	95
63) Azobenzene	15.91	77	658755	43.150	ng	100
65) 4,6-Dinitro-2-methylphenol	15.70	198	136466	41.747	ng	98
66) n-Nitrosodiphenylamine	15.83	169	635093	42.448	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	255534	41.847	ng	99
68) Hexachlorobenzene	16.64	284	277157	40.477	ng	98
69) Atrazine	16.78	200	243952	42.343	ng	99
70) Pentachlorophenol	16.97	266	186877	42.063	ng	99
71) Phenanthrene	17.36	178	1130693	41.761	ng	100
72) Anthracene	17.45	178	1125397	41.787	ng	100
73) Carbazole	17.72	167	1084988	41.780	ng	99
74) Di-n-butylphthalate	18.29	149	1160755	42.761	ng	99
75) Fluoranthene	19.37	202	1400422	41.429	ng	100
77) Benzidine	19.54	184	600958	41.776	ng	99
78) Pyrene	19.73	202	1400589	41.046	ng	100
80) Butylbenzylphthalate	20.63	149	544557	44.055	ng	100
81) Benzo(a)anthracene	21.55	228	1385249	40.760	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	590026	41.807	ng	98
83) Chrysene	21.61	228	1337595	40.177	ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	745140	42.165	ng	100
85) Di-n-octyl phthalate	22.65	149	1299457	43.429	ng	98
87) Indeno(1,2,3-cd)pyrene	28.19	276	1707678	41.000	ng	99
88) Benzo(b)fluoranthene	23.69	252	1529473	41.792	ng	99
89) Benzo(k)fluoranthene	23.76	252	1456459	40.575	ng	98
90) Benzo(a)pyrene	24.53	252	1419206	41.675	ng	99
91) Dibenzo(a,h)anthracene	28.25	278	1421795	40.835	ng	98
92) Benzo(g,h,i)perylene	29.28	276	1431309	40.704	ng	99

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

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