Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
Data File : BG046149.D
Acq On : 3 Aug 2020 11:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 03 12:43:07 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	90427	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	339945	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	215422	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	497034	20.00	ng	0.00
76) Chrysene-d12	21.57	240	509786	20.00	ng	0.00
86) Perylene-d12	24.67	264	549722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	441270	84.83	ng	0.00
7) Phenol-d6	7.12	99	606224	85.51	ng	0.00
23) Nitrobenzene-d5	9.10	82	531082	84.59	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	282410	85.35	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1235315	83.30	ng	0.00
79) Terphenyl-d14	19.93	244	1966118	78.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	95140	40.183	ng	98
3) Pyridine	3.84	79	276502	42.422	ng	98
4) n-Nitrosodimethylamine	3.76	42	117993	42.535	ng	99
6) Aniline	7.28	93	354709	42.032	ng	98
8) 2-Chlorophenol	7.52	128	237511	41.310	ng	98
9) Benzaldehyde	7.09	77	178965	42.542	ng	96
10) Phenol	7.15	94	299632	42.065	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	235576	41.579	ng	99
12) 1,3-Dichlorobenzene	7.85	146	284388	40.808	ng	99
13) 1,4-Dichlorobenzene	7.99	146	287810	41.128	ng	98
14) 1,2-Dichlorobenzene	8.31	146	269075	40.770	ng	99
15) Benzyl Alcohol	8.19	79	218726	44.659	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	393164	42.326	ng	98
17) 2-Methylphenol	8.39	107	204472	42.520	ng	98
18) Hexachloroethane	9.04	117	98419	42.052	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	197477	42.800	ng	95
20) 3+4-Methylphenols	8.72	107	286288	43.496	ng	99
22) Acetophenone	8.77	105	360569	41.330	ng	99
24) Nitrobenzene	9.15	77	282663	42.225	ng	100
25) Isophorone	9.67	82	536397	42.934	ng	99
26) 2-Nitrophenol	9.86	139	136727	45.067	ng	97
27) 2,4-Dimethylphenol	9.92	122	207140	41.965	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	281619	41.456	ng	98
29) 2,4-Dichlorophenol	10.40	162	247303	42.592	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	276011	40.578	ng	99
31) Naphthalene	10.80	128	745657	41.455	ng	99
32) Benzoic acid	10.06	122	138305	40.051	ng	98
33) 4-Chloroaniline	10.90	127	311919	42.437	ng	98
34) Hexachlorobutadiene	11.10	225	187286	41.362	ng	98
35) Caprolactam	11.67	113	84989	44.720	ng	85
36) 4-Chloro-3-methylphenol	12.02	107	248141	43.548	ng	99
37) 2-Methylnaphthalene	12.41	142	576420	41.647	ng	99
38) 1-Methylnaphthalene	12.62	142	537065	41.007	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	321398	41.408	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	188134	42.258	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	214136	43.243	ng		96
44) 2,4,5-Trichlorophenol	13.08	196	234945	43.484	ng		97
46) 1,1'-Biphenyl	13.41	154	701125	41.489	ng		98
47) 2-Chloronaphthalene	13.45	162	552421	40.981	ng		98
48) 2-Nitroaniline	13.65	65	158047	44.730	ng		96
49) Acenaphthylene	14.30	152	873822	41.746	ng		99
50) Dimethylphthalate	14.03	163	689112	41.678	ng		99
51) 2,6-Dinitrotoluene	14.15	165	164884	42.850	ng		98
52) Acenaphthene	14.65	154	579153	41.923	ng		99
53) 3-Nitroaniline	14.47	138	164049	43.003	ng		100
54) 2,4-Dinitrophenol	14.67	184	89301	40.461	ng	#	88
55) Dibenzofuran	14.97	168	860059	41.259	ng		98
56) 4-Nitrophenol	14.78	139	140634	42.461	ng		98
57) 2,4-Dinitrotoluene	14.93	165	230719	43.609	ng		97
58) Fluorene	15.63	166	696941	41.285	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	217301	42.698	ng		100
60) Diethylphthalate	15.40	149	678935	41.743	ng		97
61) 4-Chlorophenyl-phenylether	15.62	204	366099	41.522	ng		98
62) 4-Nitroaniline	15.64	138	166476	43.390	ng		96
63) Azobenzene	15.91	77	643324	42.204	ng		99
65) 4,6-Dinitro-2-methylphenol	15.70	198	137533	41.840	ng		99
66) n-Nitrosodiphenylamine	15.83	169	624090	41.481	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	248798	40.518	ng		99
68) Hexachlorobenzene	16.63	284	279511	40.595	ng		98
69) Atrazine	16.78	200	241130	41.621	ng		98
70) Pentachlorophenol	16.97	266	185780	41.585	ng		98
71) Phenanthrene	17.36	178	1117893	41.059	ng		99
72) Anthracene	17.45	178	1112671	41.086	ng		100
73) Carbazole	17.72	167	1092274	41.827	ng		99
74) Di-n-butylphthalate	18.29	149	1170982	42.899	ng		99
75) Fluoranthene	19.37	202	1412372	41.551	ng		99
77) Benzidine	19.55	184	618177	42.810	ng		100
78) Pyrene	19.73	202	1405386	41.030	ng		99
80) Butylbenzylphthalate	20.63	149	551719	44.465	ng		98
81) Benzo(a)anthracene	21.55	228	1391196	40.779	ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	588327	41.529	ng		99
83) Chrysene	21.61	228	1360987	40.725	ng		99
84) Bis(2-ethylhexyl)phthalate	21.48	149	754562	42.536	ng		100
85) Di-n-octyl phthalate	22.65	149	1314463	43.764	ng		99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1703043	40.621	ng	#	94
88) Benzo(b)fluoranthene	23.69	252	1508289	40.944	ng		100
89) Benzo(k)fluoranthene	23.76	252	1483445	41.056	ng		99
90) Benzo(a)pyrene	24.53	252	1424504	41.556	ng		100
91) Dibenzo(a,h)anthracene	28.25	278	1431174	40.835	ng		99
92) Benzo(g,h,i)perylene	29.29	276	1437937	40.625	ng		98

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

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