Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
Data File : BG045492.D
Acq On : 28 May 2020 11:32
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/29/2020 10:26:53 PM

Quant Time: May 28 13:18:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	67782	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	294046	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	214425	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	518323	20.00	ng		0.00
76) Chrysene-d12	21.61	240	450814	20.00	ng		0.00
87) Perylene-d12	24.76	264	500342	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	292002	84.19	ng		0.00
7) Phenol-d6	7.17	99	433114	87.74	ng		0.00
23) Nitrobenzene-d5	9.12	82	452142	83.85	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	230321	83.99	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1052647	83.27	ng		0.00
79) Terphenyl-d14	19.97	244	1662038	85.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	63757	37.070	ng		98
3) Pyridine	3.81	79	197005	41.128	ng		97
4) n-Nitrosodimethylamine	3.72	42	62712	40.009	ng		89
6) Aniline	7.28	93	284928	44.215	ng		99
8) 2-Chlorophenol	7.54	128	167377	44.006	ng		97
9) Benzaldehyde	7.09	77	120135	37.352	ng		97
10) Phenol	7.19	94	224332	44.093	ng		97
11) bis(2-Chloroethyl)ether	7.38	93	171433	43.199	ng		98
12) 1,3-Dichlorobenzene	7.85	146	197533	43.217	ng		95
13) 1,4-Dichlorobenzene	7.99	146	192230	42.617	ng		98
14) 1,2-Dichlorobenzene	8.31	146	186292	42.940	ng		98
15) Benzyl Alcohol	8.21	79	187397	45.953	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	168724	44.790	ng		98
17) 2-Methylphenol	8.43	107	172080	45.187	ng		98
18) Hexachloroethane	9.04	117	75160	43.506	ng		93
19) n-Nitroso-di-n-propylamine	8.76	70	158698	46.489	ng		94
20) 3+4-Methylphenols	8.76	107	230761m	44.500	ng		
22) Acetophenone	8.78	105	290472	41.679	ng	#	96
24) Nitrobenzene	9.16	77	238910	41.354	ng		96
25) Isophorone	9.69	82	459164	43.239	ng		97
26) 2-Nitrophenol	9.87	139	104371	42.232	ng		93
27) 2,4-Dimethylphenol	9.96	122	158957	43.366	ng		98
28) bis(2-Chloroethoxy)methane	10.17	93	234941	42.186	ng		96
29) 2,4-Dichlorophenol	10.44	162	186632	43.117	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	213102	41.665	ng		95
31) Naphthalene	10.81	128	576649	42.084	ng		98
32) Benzoic acid	10.14	122	111036	45.262	ng		95
33) 4-Chloroaniline	10.93	127	249857	43.623	ng		98
34) Hexachlorobutadiene	11.11	225	150572	41.647	ng		97
35) Caprolactam	11.70	113	68720	43.254	ng		95
36) 4-Chloro-3-methylphenol	12.09	107	214156	43.907	ng		96
37) 2-Methylnaphthalene	12.42	142	438490	42.935	ng		98
38) 1-Methylnaphthalene	12.64	142	420273m	43.564	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	246594	41.173	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	137005	39.633	ng		96
43) 2,4,6-Trichlorophenol	13.05	196	173673	41.743	ng		93
44) 2,4,5-Trichlorophenol	13.13	196	197252	41.489	ng		99
46) 1,1'-Biphenyl	13.43	154	544464	41.324	ng		99
47) 2-Chloronaphthalene	13.47	162	448615	41.931	ng		98
48) 2-Nitroaniline	13.69	65	147852	42.011	ng		93
49) Acenaphthylene	14.33	152	728945	42.417	ng		99
50) Dimethylphthalate	14.06	163	618487	42.047	ng		98
51) 2,6-Dinitrotoluene	14.17	165	138530	41.736	ng		98
52) Acenaphthene	14.67	154	489431m	42.547	ng		
53) 3-Nitroaniline	14.51	138	142752	42.308	ng		93
54) 2,4-Dinitrophenol	14.72	184	77956	38.866	ng		95
55) Dibenzofuran	15.00	168	717307	41.990	ng		97
56) 4-Nitrophenol	14.87	139	101083	39.570	ng		99
57) 2,4-Dinitrotoluene	14.97	165	202541	42.134	ng		95
58) Fluorene	15.65	166	597221	42.554	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	173651	41.516	ng		98
60) Diethylphthalate	15.42	149	645667	42.173	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	346474	43.142	ng		99
62) 4-Nitroaniline	15.68	138	146465	41.581	ng		96
63) Azobenzene	15.94	77	600150	42.040	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	125819	41.680	ng		95
66) n-Nitrosodiphenylamine	15.86	169	528767	42.489	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	243285	43.346	ng		98
68) Hexachlorobenzene	16.66	284	249449	42.493	ng		98
69) Atrazine	16.81	200	205553	40.101	ng		98
70) Pentachlorophenol	17.01	266	115841	38.004	ng		97
71) Phenanthrene	17.39	178	953148	42.123	ng		99
72) Anthracene	17.49	178	947718	41.707	ng		98
73) Carbazole	17.76	167	899002	40.587	ng		98
74) Di-n-butylphthalate	18.31	149	1057376	39.773	ng		99
75) Fluoranthene	19.40	202	1130847	39.291	ng		99
77) Benzidine	19.58	184	494880	39.086	ng		99
78) Pyrene	19.77	202	1135985	44.205	ng		99
80) Butylbenzylphthalate	20.65	149	461004	41.561	ng		99
81) Benzo(a)anthracene	21.59	228	1058274	42.140	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	413649	41.990	ng		100
83) Chrysene	21.66	228	1019738	42.230	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	632951	41.511	ng		99
85) Di-n-octyl phthalate	22.69	149	1077840	41.158	ng		100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1300903	41.198	ng	#	96
88) Benzo(b)fluoranthene	23.76	252	1115983	41.589	ng		99
89) Benzo(k)fluoranthene	23.83	252	1079584	42.823	ng		99
90) Benzo(a)pyrene	24.61	252	1053383	42.150	ng		98
91) Dibenzo(a,h)anthracene	28.39	278	1055048	42.011	ng		97
92) Benzo(g,h,i)perylene	29.45	276	1051231	41.854	ng		99

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

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