Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
Data File : BG044137.D
Acq On : 21 Jan 2020 17:20
Operator : JU
Sample : L1211-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B1-15-30MS

Manual Integrations APPROVED
mohammad
1/23/2020 7:58:19 AM

Quant Time: Jan 22 07:12:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	92768	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	401896	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	250901	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	515277	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	431884	20.00	ng	-0.03
87) Perylene-d12	24.66	264	496543	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	803064	158.95	ng	-0.03
7) Phenol-d6	7.11	99	1070408	151.57	ng	-0.02
23) Nitrobenzene-d5	9.09	82	656252	87.35	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	382940	145.85	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1360678	98.26	ng	-0.03
79) Terphenyl-d14	19.92	244	1843414	111.16	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	86205	39.132	ng	98
3) Pyridine	3.79	79	222890	34.249	ng	93
4) n-Nitrosodimethylamine	3.70	42	120311	41.524	ng	95
6) Aniline	7.25	93	237449	25.598	ng	97
8) 2-Chlorophenol	7.50	128	313330	52.826	ng	100
9) Benzaldehyde	7.06	77	152287	33.691	ng	99
10) Phenol	7.13	94	398329	54.742	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	281336	44.792	ng	99
12) 1,3-Dichlorobenzene	7.82	146	306801	44.202	ng	99
13) 1,4-Dichlorobenzene	7.97	146	307749	44.937	ng	98
14) 1,2-Dichlorobenzene	8.28	146	293301	44.619	ng	99
15) Benzyl Alcohol	8.17	79	258946	46.458	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	385444	39.665	ng	99
17) 2-Methylphenol	8.38	107	266786	50.665	ng	98
18) Hexachloroethane	9.02	117	117202	43.981	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	226801	43.123	ng	98
20) 3+4-Methylphenols	8.71	107	363328	49.461	ng	99
22) Acetophenone	8.75	105	417767	41.812	ng	99
24) Nitrobenzene	9.13	77	322206	43.303	ng	98
25) Isophorone	9.65	82	615220	43.650	ng	100
26) 2-Nitrophenol	9.84	139	175025	49.719	ng	98
27) 2,4-Dimethylphenol	9.91	122	294434	55.563	ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	394393	41.972	ng	99
29) 2,4-Dichlorophenol	10.38	162	302061	47.787	ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	304812	43.008	ng	98
31) Naphthalene	10.78	128	897596	46.153	ng	98
32) Benzoic acid	10.06	122	135841	33.634	ng	96
33) 4-Chloroaniline	10.89	127	113196	12.203	ng	99
34) Hexachlorobutadiene	11.08	225	176973	40.898	ng	97
35) Caprolactam	11.66	113	108091m	45.936	ng	
36) 4-Chloro-3-methylphenol	12.02	107	316292	47.004	ng	98
37) 2-Methylnaphthalene	12.39	142	664977	45.416	ng	97
38) 1-Methylnaphthalene	12.61	142	635274	45.779	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	316543	43.044	ng	99

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Quant Time: Jan 22 07:12:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	402296	105.519	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	234512	46.345	ng	96
44) 2,4,5-Trichlorophenol	13.08	196	249176	47.745	ng	98
46) 1,1'-Biphenyl	13.40	154	830974	46.193	ng	99
47) 2-Chloronaphthalene	13.44	162	646952	44.506	ng	98
48) 2-Nitroaniline	13.64	65	197733	42.287	ng	99
49) Acenaphthylene	14.29	152	1021152	48.875	ng	98
50) Dimethylphthalate	14.02	163	898244	50.421	ng	99
51) 2,6-Dinitrotoluene	14.14	165	184984	45.941	ng	97
52) Acenaphthene	14.63	154	634327	43.293	ng	96
53) 3-Nitroaniline	14.46	138	111664	24.421	ng	99
54) 2,4-Dinitrophenol	14.68	184	173019	84.046	ng	97
55) Dibenzofuran	14.96	168	956383	47.415	ng	99
56) 4-Nitrophenol	14.79	139	333282	95.116	ng	95
57) 2,4-Dinitrotoluene	14.93	165	257616	47.019	ng	98
58) Fluorene	15.62	166	749347	46.872	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	209099	46.594	ng	99
60) Diethylphthalate	15.39	149	811785	45.559	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	391374	45.084	ng	98
62) 4-Nitroaniline	15.63	138	185462	41.073	ng	95
63) Azobenzene	15.90	77	761281	46.069	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	142650	53.208	ng	98
66) n-Nitrosodiphenylamine	15.82	169	699631	46.107	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	251280	43.359	ng	99
68) Hexachlorobenzene	16.63	284	267316	42.808	ng	99
69) Atrazine	16.77	200	252689	51.230	ng	98
70) Pentachlorophenol	16.97	266	290794	84.476	ng	100
71) Phenanthrene	17.36	178	1152278	46.622	ng	98
72) Anthracene	17.44	178	1199863	49.123	ng	98
73) Carbazole	17.71	167	1064806	47.194	ng	98
74) Di-n-butylphthalate	18.28	149	1312739	45.570	ng	97
75) Fluoranthene	19.36	202	1321753	46.762	ng	97
77) Benzidine	19.54	184	443425	40.847	ng	97
78) Pyrene	19.72	202	1323295	46.941	ng	97
80) Butylbenzylphthalate	20.62	149	620257	46.214	ng	96
81) Benzo(a)anthracene	21.54	228	1265582	47.259	ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	272200	25.728	ng	99
83) Chrysene	21.60	228	1202544	47.258	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	877300	47.373	ng	98
85) Di-n-octyl phthalate	22.64	149	1529834	49.138	ng	97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1577155	45.607	ng	100
88) Benzo(b)fluoranthene	23.69	252	1347188	45.894	ng	98
89) Benzo(k)fluoranthene	23.75	252	1285721	46.060	ng	99
90) Benzo(a)pyrene	24.52	252	1237543	44.668	ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1282987	46.110	ng	97
92) Benzo(g,h,i)perylene	29.29	276	1317844	47.682	ng	97

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

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