Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044027.D
Acq On : 14 Jan 2020 00:55
Operator : JU
Sample : L1103-08MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-MW-19(3-5)MS

Manual Integrations APPROVED
mohammad
1/14/2020 12:25:07 PM

Quant Time: Jan 14 10:44:36 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	7.95	152	115054	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	470822	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	298613	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	657177	20.00	ng	-0.02
76) Chrysene-d12	21.59	240	580289	20.00	ng	0.00
87) Perylene-d12	24.74	264	653887	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	890311	142.08	ng	-0.01
7) Phenol-d6	7.12	99	1228450	140.25	ng	0.00
23) Nitrobenzene-d5	9.10	82	712194	80.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	472515	151.21	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1515408	91.94	ng	-0.02
79) Terphenyl-d14	19.94	244	2289532	99.31	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	121069	44.313	ng	96
3) Pyridine	3.81	79	301842	37.397	ng	93
4) n-Nitrosodimethylamine	3.72	42	156926	43.670	ng	93
6) Aniline	7.27	93	281980	24.510	ng	98
8) 2-Chlorophenol	7.51	128	378182	51.409	ng	97
9) Benzaldehyde	7.08	77	209784m	37.422	ng	
10) Phenol	7.14	94	493467	54.681	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	355582	45.646	ng	99
12) 1,3-Dichlorobenzene	7.84	146	394495	45.827	ng	99
13) 1,4-Dichlorobenzene	7.98	146	401783	47.303	ng	99
14) 1,2-Dichlorobenzene	8.30	146	375463	46.054	ng	99
15) Benzyl Alcohol	8.18	79	323804	46.841	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	481170	39.925	ng	100
17) 2-Methylphenol	8.39	107	327612	50.165	ng	99
18) Hexachloroethane	9.03	117	148879	45.046	ng	94
19) n-Nitroso-di-n-propylamine	8.75	70	276422	42.377	ng	97
20) 3+4-Methylphenols	8.72	107	447450	49.114	ng	99
22) Acetophenone	8.76	105	517256	44.191	ng	99
24) Nitrobenzene	9.15	77	395249	45.343	ng	98
25) Isophorone	9.67	82	755496	45.755	ng	100
26) 2-Nitrophenol	9.86	139	214943	52.119	ng	97
27) 2,4-Dimethylphenol	9.92	122	357124	57.527	ng	97
28) bis(2-Chloroethoxy)methane	10.15	93	474003	43.060	ng	100
29) 2,4-Dichlorophenol	10.40	162	372573	50.314	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	377316	45.444	ng	99
31) Naphthalene	10.80	128	1099362	48.252	ng	99
32) Benzoic acid	10.08	122	207042	41.873	ng	95
33) 4-Chloroaniline	10.90	127	106433	9.794	ng	98
34) Hexachlorobutadiene	11.10	225	221034	43.602	ng	96
35) Caprolactam	11.67	113	144626m	52.464	ng	
36) 4-Chloro-3-methylphenol	12.03	107	396567	50.306	ng	98
37) 2-Methylnaphthalene	12.41	142	811602	47.315	ng	97
38) 1-Methylnaphthalene	12.62	142	769314	47.322	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	386403	44.148	ng	99

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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	12.76	237	499332	110.044 ng	98
43) 2,4,6-Trichlorophenol	13.01	196	299734	49.770 ng	97
44) 2,4,5-Trichlorophenol	13.09	196	323180	52.031 ng	98
46) 1,1'-Biphenyl	13.41	154	1014383	47.379 ng	99
47) 2-Chloronaphthalene	13.45	162	800916	46.294 ng	99
48) 2-Nitroaniline	13.65	65	249375	44.810 ng	97
49) Acenaphthylene	14.30	152	1264784	50.863 ng	99
50) Dimethylphthalate	14.03	163	1172048	55.278 ng	100
51) 2,6-Dinitrotoluene	14.15	165	236945	49.443 ng	99
52) Acenaphthene	14.65	154	791381	45.382 ng	100
53) 3-Nitroaniline	14.48	138	110546	20.313 ng	99
54) 2,4-Dinitrophenol	14.68	184	271080	108.906 ng	96
55) Dibenzofuran	14.98	168	1204317	50.167 ng	99
56) 4-Nitrophenol	14.80	139	470874	112.912 ng	93
57) 2,4-Dinitrotoluene	14.94	165	338711	51.943 ng	99
58) Fluorene	15.63	166	947300	49.787 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	286175	53.580 ng	96
60) Diethylphthalate	15.40	149	1034817	48.796 ng	100
61) 4-Chlorophenyl-phenylether	15.62	204	493684	47.783 ng	98
62) 4-Nitroaniline	15.64	138	252418	46.969 ng	96
63) Azobenzene	15.91	77	956075	48.613 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	201421	58.437 ng	96
66) n-Nitrosodiphenylamine	15.83	169	905790	46.804 ng	99
67) 4-Bromophenyl-phenylether	16.51	248	325089	43.983 ng	97
68) Hexachlorobenzene	16.64	284	355367	44.620 ng	98
69) Atrazine	16.78	200	355452	56.504 ng	98
70) Pentachlorophenol	16.98	266	446374	101.672 ng	99
71) Phenanthrene	17.37	178	1516007	48.094 ng	99
72) Anthracene	17.45	178	1565265	50.246 ng	100
73) Carbazole	17.72	167	1456767	50.625 ng	98
74) Di-n-butylphthalate	18.29	149	1764690	48.032 ng	99
75) Fluoranthene	19.37	202	1761262	48.857 ng	99
77) Benzidine	19.55	184	798621	54.753 ng	98
78) Pyrene	19.73	202	1771327	46.764 ng	99
80) Butylbenzylphthalate	20.63	149	852389	47.268 ng	97
81) Benzo(a)anthracene	21.56	228	1720820	47.824 ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	351066	24.696 ng	99
83) Chrysene	21.63	228	1723585	50.412 ng	96
84) Bis(2-ethylhexyl)phthalate	21.48	149	1187921	47.741 ng	100
85) Di-n-octyl phthalate	22.67	149	2065714	49.382 ng	98
86) Indeno(1,2,3-cd)pyrene	28.32	276	2154320m	46.365 ng	
88) Benzo(b)fluoranthene	23.72	252	1823421	47.170 ng	99
89) Benzo(k)fluoranthene	23.80	252	1852035	50.383 ng	99
90) Benzo(a)pyrene	24.59	252	1721801	47.192 ng	98
91) Dibenzo(a,h)anthracene	28.41	278	1797092	49.045 ng	98
92) Benzo(g,h,i)perylene	29.53	276	1794687	49.309 ng	98

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

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