Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119902.D
Acq On : 10 Apr 2020 18:39
Operator : MA/SJ
Sample : L2201-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CG-SUBMSD

Manual Integrations APPROVED
mohammad
4/14/2020 3:39:10 PM

Quant Time: Apr 11 02:17:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 13:48:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	199095	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	783562	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	411905	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	782960	20.00	ng	0.00
76) Chrysene-d12	13.93	240	506261	20.00	ng	0.00
87) Perylene-d12	15.36	264	450506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1059762	91.99	ng	0.01
7) Phenol-d6	6.39	99	1411216	95.07	ng	0.00
23) Nitrobenzene-d5	7.32	82	886098	58.50	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	432729	85.81	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1702309	58.68	ng	0.00
79) Terphenyl-d14	12.87	244	1829648	60.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	189231	36.878	ng	97
3) Pyridine	3.20	79	548781	38.981	ng	99
4) n-Nitrosodimethylamine	3.16	42	327345	45.508	ng	97
6) Aniline	6.42	93	882937	45.316	ng	95
8) 2-Chlorophenol	6.54	128	672820	52.270	ng	98
9) Benzaldehyde	6.30	77	315251	39.286	ng	96
10) Phenol	6.41	94	861193	51.136	ng	86
11) bis(2-Chloroethyl)ether	6.49	93	620241	47.698	ng	98
12) 1,3-Dichlorobenzene	6.69	146	644217	45.714	ng	99
13) 1,4-Dichlorobenzene	6.77	146	652041	45.422	ng	99
14) 1,2-Dichlorobenzene	6.93	146	620536	46.905	ng	97
15) Benzyl Alcohol	6.90	79	557145	48.322	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1124716	44.449	ng	99
17) 2-Methylphenol	7.02	107	546070	47.537	ng	97
18) Hexachloroethane	7.27	117	247771	46.183	ng	93
19) n-Nitroso-di-n-propylamine	7.18	70	459113	48.095	ng	97
20) 3+4-Methylphenols	7.17	107	660677	47.026	ng	99
22) Acetophenone	7.17	105	861675	46.962	ng	94
24) Nitrobenzene	7.34	77	700173	45.954	ng	99
25) Isophorone	7.59	82	1321475	45.260	ng	99
26) 2-Nitrophenol	7.66	139	368569	48.419	ng	96
27) 2,4-Dimethylphenol	7.70	122	577666	50.317	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	827033	48.137	ng	99
29) 2,4-Dichlorophenol	7.90	162	570308	48.463	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	590228	44.265	ng	97
31) Naphthalene	8.06	128	1878706	45.571	ng	100
32) Benzoic acid	7.85	122	487194	48.320	ng	97
33) 4-Chloroaniline	8.12	127	679285	37.849	ng	96
34) Hexachlorobutadiene	8.18	225	334846	41.951	ng	99
35) Caprolactam	8.50	113	172165m	47.827	ng	
36) 4-Chloro-3-methylphenol	8.60	107	625613	49.104	ng	96
37) 2-Methylnaphthalene	8.76	142	1299993	46.512	ng	99
38) 1-Methylnaphthalene	8.86	142	1241966	47.145	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	563129	43.285	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	679675	91.875 ng	98
43) 2,4,6-Trichlorophenol	9.03	196	431271	48.005 ng	96
44) 2,4,5-Trichlorophenol	9.07	196	454376	44.906 ng	99
46) 1,1'-Biphenyl	9.22	154	1564581	45.002 ng	98
47) 2-Chloronaphthalene	9.25	162	1223907	45.698 ng	98
48) 2-Nitroaniline	9.35	65	459063	47.298 ng	97
49) Acenaphthylene	9.66	152	1920208	47.143 ng	99
50) Dimethylphthalate	9.53	163	1671462	52.462 ng	99
51) 2,6-Dinitrotoluene	9.59	165	338651	48.539 ng	96
52) Acenaphthene	9.83	154	1404178m	51.680 ng	
53) 3-Nitroaniline	9.76	138	291370	36.566 ng	98
54) 2,4-Dinitrophenol	9.87	184	420088	100.570 ng	98
55) Dibenzofuran	10.00	168	1727310	46.327 ng	97
56) 4-Nitrophenol	9.93	139	573774	96.778 ng	88
57) 2,4-Dinitrotoluene	9.99	165	439991	47.866 ng	91
58) Fluorene	10.35	166	1336794	44.831 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	381234	49.263 ng	97
60) Diethylphthalate	10.23	149	1503489	45.531 ng	99
61) 4-Chlorophenyl-phenylether	10.34	204	645964	42.267 ng	95
62) 4-Nitroaniline	10.38	138	368448	48.520 ng	97
63) Azobenzene	10.50	77	1415262	47.824 ng	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	261048	50.608 ng	91
66) n-Nitrosodiphenylamine	10.46	169	1254701	48.185 ng	98
67) 4-Bromophenyl-phenylether	10.83	248	435176	44.693 ng	93
68) Hexachlorobenzene	10.90	284	467882	47.368 ng	95
69) Atrazine	11.00	200	373228	51.516 ng	96
70) Pentachlorophenol	11.09	266	509545	89.515 ng	99
71) Phenanthrene	11.31	178	1946428	46.711 ng	98
72) Anthracene	11.36	178	2008416	47.181 ng	99
73) Carbazole	11.52	167	1868040	46.404 ng	99
74) Di-n-butylphthalate	11.85	149	2323504	43.906 ng	99
75) Fluoranthene	12.50	202	2094385	46.582 ng	99
77) Benzidine	12.63	184	1407481	82.246 ng	97
78) Pyrene	12.73	202	2111191	49.467 ng	99
80) Butylbenzylphthalate	13.35	149	921499	44.497 ng	100
81) Benzo(a)anthracene	13.92	228	1550299	46.548 ng	99
82) 3,3'-Dichlorobenzidine	13.88	252	471702	37.958 ng	97
83) Chrysene	13.96	228	1600043	47.281 ng	98
84) Bis(2-ethylhexyl)phthalate	13.91	149	1143361	40.770 ng	98
85) Di-n-octyl phthalate	14.53	149	1897029	39.728 ng	99
86) Indeno(1,2,3-cd)pyrene	16.77	276	1474051	49.414 ng	99
88) Benzo(b)fluoranthene	14.95	252	1510235	46.600 ng	99
89) Benzo(k)fluoranthene	14.98	252	1392134	49.786 ng	99
90) Benzo(a)pyrene	15.30	252	1296601	47.584 ng	99
91) Dibenzo(a,h)anthracene	16.79	278	1211201	50.181 ng	98
92) Benzo(g,h,i)perylene	17.20	276	1241320	52.101 ng	98

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

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