Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119804.D
Acq On : 7 Apr 2020 6:43
Operator : MA/SJ
Sample : L2132-03MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-1MS

Manual Integrations APPROVED
mohammad
4/8/2020 8:12:32 AM

Quant Time: Apr 07 08:14:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	174997	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	659921	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	327468	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	597956	20.00	ng		0.00
76) Chrysene-d12	13.96	240	419469	20.00	ng		0.00
87) Perylene-d12	15.40	264	439652	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1537749	139.89	ng		0.02
7) Phenol-d6	6.42	99	1781388	126.86	ng		0.00
23) Nitrobenzene-d5	7.35	82	1279729	105.39	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	582592	172.45	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2399528	108.56	ng		0.00
79) Terphenyl-d14	12.91	244	2323448	108.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	209175	38.527	ng	#	83
3) Pyridine	3.38	79	497462	33.258	ng		92
4) n-Nitrosodimethylamine	3.29	42	315119	43.202	ng		94
6) Aniline	6.45	93	359379	18.543	ng		99
8) 2-Chlorophenol	6.57	128	635859	55.073	ng		97
9) Benzaldehyde	6.33	77	248117	27.852	ng		97
10) Phenol	6.43	94	687883	45.908	ng		98
11) bis(2-Chloroethyl)ether	6.52	93	655889	54.731	ng		99
12) 1,3-Dichlorobenzene	6.72	146	633740	50.716	ng		98
13) 1,4-Dichlorobenzene	6.80	146	639232	51.142	ng		99
14) 1,2-Dichlorobenzene	6.95	146	603877	51.689	ng		99
15) Benzyl Alcohol	6.93	79	526990	49.889	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1063298	43.988	ng		96
17) 2-Methylphenol	7.05	107	500495	47.312	ng		97
18) Hexachloroethane	7.29	117	240651	52.538	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	436415	51.560	ng		97
20) 3+4-Methylphenols	7.19	107	617114	47.601	ng	#	82
22) Acetophenone	7.19	105	856618	54.324	ng	#	89
24) Nitrobenzene	7.36	77	664513	51.209	ng		98
25) Isophorone	7.61	82	1217968	49.448	ng		100
26) 2-Nitrophenol	7.69	139	348750	68.257	ng	#	88
27) 2,4-Dimethylphenol	7.73	122	561774	53.173	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	770860	52.924	ng		99
29) 2,4-Dichlorophenol	7.93	162	530642	54.663	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	577604	53.803	ng		100
31) Naphthalene	8.09	128	1849197	54.452	ng		99
32) Benzoic acid	7.87	122	421495m	62.021	ng		
33) 4-Chloroaniline	8.14	127	184480	11.855	ng		97
34) Hexachlorobutadiene	8.21	225	319345	53.166	ng		100
35) Caprolactam	8.62	113	150602m	47.404	ng		
36) 4-Chloro-3-methylphenol	8.63	107	556933	52.492	ng		97
37) 2-Methylnaphthalene	8.79	142	1246286	55.918	ng		96
38) 1-Methylnaphthalene	8.89	142	1169047	55.416	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	534582	55.695	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	572626	104.938	ng		100
43) 2,4,6-Trichlorophenol	9.06	196	406958	59.247	ng		99
44) 2,4,5-Trichlorophenol	9.10	196	393415	51.128	ng		97
46) 1,1'-Biphenyl	9.25	154	1457850	54.661	ng		98
47) 2-Chloronaphthalene	9.27	162	1136588	54.405	ng		99
48) 2-Nitroaniline	9.37	65	402462	55.813	ng		93
49) Acenaphthylene	9.69	152	1750119	53.346	ng		99
50) Dimethylphthalate	9.56	163	1237424	53.199	ng		99
51) 2,6-Dinitrotoluene	9.62	165	296227	59.416	ng		95
52) Acenaphthene	9.86	154	1086684	53.132	ng		99
53) 3-Nitroaniline	9.78	138	127339	20.231	ng		96
54) 2,4-Dinitrophenol	9.89	184	299198	133.354	ng		96
55) Dibenzofuran	10.04	168	1582624	53.971	ng		99
56) 4-Nitrophenol	9.96	139	449402	90.506	ng		98
57) 2,4-Dinitrotoluene	10.02	165	389807	62.065	ng		96
58) Fluorene	10.38	166	1221048	56.310	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	330504	57.463	ng		98
60) Diethylphthalate	10.26	149	1322321	56.012	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	590242	55.662	ng		96
62) 4-Nitroaniline	10.40	138	279275	46.269	ng		95
63) Azobenzene	10.53	77	1229474	51.717	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	200558	79.987	ng		89
66) n-Nitrosodiphenylamine	10.49	169	1120078	57.060	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	383683	56.342	ng		98
68) Hexachlorobenzene	10.93	284	411659	59.063	ng		97
69) Atrazine	11.03	200	299554	55.663	ng		98
70) Pentachlorophenol	11.13	266	476489	116.592	ng		99
71) Phenanthrene	11.34	178	1730405	55.809	ng		99
72) Anthracene	11.40	178	1774097	56.299	ng		99
73) Carbazole	11.55	167	1632663	52.344	ng		98
74) Di-n-butylphthalate	11.89	149	1944621	58.282	ng		100
75) Fluoranthene	12.53	202	1860522	55.446	ng		98
77) Benzidine	12.71	184	1275	0.072	ng	#	1
78) Pyrene	12.76	202	1865188	54.181	ng		98
80) Butylbenzylphthalate	13.39	149	827747	59.449	ng		99
81) Benzo(a)anthracene	13.95	228	1513198	55.474	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	88785	8.255	ng		99
83) Chrysene	13.99	228	1567494	55.681	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1079632	65.046	ng		98
85) Di-n-octyl phthalate	14.56	149	1991591	68.226	ng		98
86) Indeno(1,2,3-cd)pyrene	16.84	276	1671192	63.033	ng		99
88) Benzo(b)fluoranthene	14.99	252	1700677	57.908	ng		99
89) Benzo(k)fluoranthene	15.02	252	1516121	54.215	ng		99
90) Benzo(a)pyrene	15.34	252	1441008	53.991	ng		99
91) Dibenzo(a,h)anthracene	16.86	278	1364833	58.464	ng		99
92) Benzo(g,h,i)perylene	17.27	276	1385263	59.066	ng		98

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

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